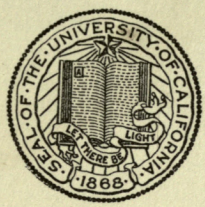
UC-NRLF
$D 50 293

Ex-libris
Charles Atwood
Kofoid



THE LIBRARY
OF
THE UNIVERSITY
OF CALIFORNIA

PRESENTED BY
PROF. CHARLES A. KOFOID AND
MRS. PRUDENCE W. KOFOID

CATALOGUE

OF THE

COLEOPTERA OF SCOTLAND

PRINTED BY WILLIAM BLACKWOOD AND SONS, EDINBURGH.

CATALOGUE

OF THE

COLEOPTERA OF SCOTLAND

BY

ANDREW MURRAY

OF CONLAND, W.S.

MEMBER OF THE ROYAL PHYSICAL SOCIETY OF EDINBURGH,
OF THE ENTOMOLOGICAL SOCIETY OF FRANCE,
ETC.

AIDED BY

THE REV. WILLIAM LITTLE, MESSIEURS JAMES HARDY,
ROBT. HISLOP, JOHN T. SYME, DR W. H. LOWE,
AND OTHER SCOTTISH ENTOMOLOGISTS.

WILLIAM BLACKWOOD AND SONS
EDINBURGH AND LONDON
MDCCCLIII

k-QL591
G7M8
Biol.
Lib.

PREFACE.

THE following Catalogue has been undertaken, not solely with the view of recording some additions to the Insect Fauna of Scotland, but also with the intention of correcting the synonymy of some of the species which have been established on the authority of our great British Entomological authors, where subsequent investigations have shown that species have been improperly multiplied, or new names given to species already described. I have also wished to do something towards making our British Entomologists more familiar than they are with the names generally in use on the Continent. For these reasons I have made the following list a Synonymic Catalogue.

I have adopted the arrangement of Redtenbacher, and I have done so notwithstanding some doubts of my own as to its superiority over Latreille's, partly in deference to the opinion which appears to be now generally entertained that it is the most natural, and partly because it comes nearest to that first developed and adopted by our own Stephens, and which is consequently already most in use in this country.

As regards the synonymy of Continental authors, I have followed Gaubil's catalogue, unless in one or two instances where I had reason to suppose he was in error. As to the synonymy of species described by Mr Stephens, I have had the very great advantage of the free use of my friend Mr Little's

M368948

valuable cabinet, which, with few exceptions, had passed through the hands of Mr Stephens, and been almost entirely named by him. I had thus the advantage (second only to the use of Mr Stephens' own specimens) of examining what I may call types of his species. The distance of my place of residence from London rendered it impossible to avail myself with effect of the well-known liberality with which Mr Stephens gave access to his collection : and in estimating the value of any opinion expressed in the following pages upon the synonymy of any of his species, it must be borne in mind that I proceed upon nothing further than the testimony of species named by him ; and that, although in many instances I saw numerous series so named, I have not always found the whole of the series to consist of the same insect.

I have further availed myself of Dr Schaum's two valuable papers on the synonymy of Mr Stephens' species of Geodephaga and Hydrocantharidæ, published in the *Annals of Natural History* and *Zoologist*, and of Mr Walton's papers on the Curculionidæ in the *Annals of Natural History*. I have also been benefited by M. Jacquelin Duval's paper on the genus Bembidium, published in the *Annals of the Entomological Society of France*, and by his kindness in comparing my own specimens, and favouring me with his remarks upon them. To M. Aubé, Paris, I owe similar thanks for having compared and authentically named my specimens of Cercyon, Anisotoma, Atomaria, and other minute and difficult genera ; also to M. Jekel, Paris, for having performed a similar good office to my Apions ; and to Professor Lacordaire of Liege, for having solved some doubts I had upon some of the Chrysomelidæ. I have received similar kindness from Mr Wilson Saunders and Mr Jansen, Mr White of the British Museum, and Mr Walton of London ; and I owe much to the good offices of M. Javet of Paris. I need not make similar acknowledgments for the information derived from the works of Mulsant, Heer, Redtenbacher, and others ; these are public property.

The whole of the Scottish Entomologists with whom I was acquainted, and several with whom I had no previous acquaintance, cordially aided me in making my list as complete as possible, by communicating to me their several captures. I owe special thanks to the Rev. William Little, Kirkpatrick-Juxta, Dumfriesshire, and to Mr Hardy, Penmanshiel, East Lothian,—the latter of whom was kind enough to undertake almost entirely for me the family of the Staphylinidæ, to which (of the Coleoptera) he has more particularly directed his attention; and that family will be found to show marks of the care and accuracy for which he is remarkable.

I have had the list of species found near Edinburgh made much more complete than it had previously been, by the information communicated by Dr Greville, and his son, Mr R. N. Greville, Dr Lowe, Balgreen, Mr R. F. Logan, Duddingston, and Dr Howden, Musselburgh.

My information as to the insects from Lanarkshire and the neighbourhood of Glasgow has been almost wholly received from Mr Hislop, now at Blairlodge, near Falkirk, but formerly resident in Glasgow, who was aided in his investigations in the west by Mr John Gray, and Dr Colquhoun. Mr Morris Young, Paisley, has also contributed notices of some valuable captures in his neighbourhood. Mr Hardy and Mr Hislop have added much to the list of species found in Berwickshire. East Lothian has also been thoroughly examined by Mr Hardy, a work in which he has been well aided by Mr Archibald Hepburn, near Whittingham. The Aberdeenshire localities likewise were mostly furnished by Mr Hardy.

Mr John T. Syme, now in London, Professor Fleming, of the Free Church College, Edinburgh, Mr George A. Coventry, younger of Shanwell, and myself, have more particularly worked out Fife, Perth, Kinross, and Clackmannan; and our knowledge of the insects of the eastern part of the first of these counties has been increased by the examination of a large collection made at St Andrews by Mr Harry Goodsir, one of the surgeons

of the unfortunate expedition under Franklin, which his brother, Professor Goodsir, of the University of Edinburgh, kindly intrusted to me for examination. Mr John T. Syme has also examined the Orkneys and the Island of Mull, the latter of which places has likewise been gone over by Mr Hislop and myself.

My information as to Sutherland and Ross-shire has been principally derived from Mr James Wilson of Woodville, one of the authors of the *Entomologia Edinensis*, and from Mr Horsburgh, Tongue House, and Mr Andrew Young, Bonar Bridge, Sutherland, who have been kind enough to cause collections to be made for me.

To Mr Weaver of Birmingham, and Dr Nelson of Lytham, I owe the knowledge of some interesting novelties taken in their researches in the Black forest, Rannoch.

Forfarshire has been most investigated by Dr Greville and myself; and Dumfriesshire has been made entirely his own by the Rev. Mr Little, to whom it will be seen we owe a very large proportion of the rarer Scottish captures.

In the Catalogue I have appended the name of the captors of the insect to those species which have only been taken by one or two persons. I have not, in every instance, had the opportunity of making sure, by personal inspection, that species communicated to me are authentic, but in most instances I have done so; and where I have not, the collector whose name is appended stands responsible for its correctness.

EDINBURGH, 7 NELSON STREET,
April 1853.

† The dagger indicates a species that does not occur farther north than Yorkshire on the east, and generally south of the wash. 1856.

N. B. The species occurring in the Western district are preceded by a X.
The Synonymes underlined are the names recognized by Dawson and Clark in the Geodephaga, Dytiscidae and Hydrophilidae, by Wollaston in Atomaria by Murray in Catops, and by Walton in the Curculionidae; In Stevens Waterhouse and Janson's paper is referred to. 1856.

Not uncommon in heathy ground, Lanark, Renfrew and Ayr. 1856.

Common. 1856.

Less common; claypits near Glasgow. 1856.

CATALOGUE

OF

SCOTTISH COLEOPTERA.

FAMILY CICINDELIDÆ.

CICINDELA *Lin.*

C. CAMPESTRIS *Lin. Steph.*	Occasional throughout Scotland.	
C. HYBRIDA *Lin. Steph.* var. maritima *Dej. Steph.*	" Scotland."	*Stephen's Manual.*

FAMILY CARABIDÆ.

ELAPHRUS *Fab.*

E. CUPREUS *Duft. Steph.* uliginosus *Gyll.* (not *Fab. Steph.*)	Common on banks of lakes, &c.	
E. RIPARIUS *Fab. Steph.*	Common.	
E. LAPPONICUS *Gyll. Steph.*	Catlaw and Clova mountains in Forfarshire—running among the grass in boggy places.	Miss Lyell.
	St Kilda.	Mr J. M'Gillivray. *Edin. Phil. Jour.*

BLETHISA *Bon.*

× B. MULTIPUNCTATA *Lin. Steph.* Occasional on margins of lakes throughout Scotland.

PELOPHILA *Dej.*

P. BOREALIS *Fab.*
Var. Arctica *Schönh.*
Dejeanii *Gebler.* Taken in the Mainland of Orkney in considerable numbers. Mr J. T. Syme.

NOTIOPHILUS *Dumeril.*

✗ N. AQUATICUS *Lin. Steph.* Common.

✗ N. SEMIPUNCTATUS *Fab.* Common.
Var. biguttatus *Fab. Steph.*

NEBRIA *Lat. Bonelli.*

HELOBIA *Leach, Steph.*

✗ N. BREVICOLLIS *Fab. Steph.* Common everywhere.
Var. lata *Newm. Steph.*
Var. varicornis *Newm. Steph.*

✗ N. NIVALIS *Payk. Steph.* Common.
Balbi *Bon.*
impressa *Newm. Steph.*
Var. Gyllenhallii *Curt. Steph.*
Æthiops *Steph.*
Var. { Marshallana *Steph.* / hyperborea *Gyll.* / arctica *Dej.* } Very plentiful under stones on tops of mountains.

LEISTUS *Frœhl.*

✗ L. FULVIBARBIS *Hoffm. Dej. Steph.* Not rare.

✗ L. PRÆUSTUS *Fab.* Not rare.
rufescens *Fab. Dej. Steph.*
terminatus *Panz. Dej.*

L. SPINILABRIS *Fab. Steph.* Not uncommon at Pressmenan, Lammermuir Hills. On birch and oak. Mr Arch. Hepburn.
rufescens *Clair. Duft.* (not *Steph.*)
brunneus *Marsh.*

Bute; Hoyganfield Loch; Renfrewshire. 1856.

Common. 1856.
Very Common. A var. occurs dark blue or violet;
Elytra with 1 six middle striae pale. 1856.

Very Common. 1856.

Not unfrequent by the sides of rivers. 1856.

Benlomond &c. 1856.

Plentiful about Gaisculk Woods &c Paisley. 1856.

Occasional in Moss & under Bark; Glasgow; Paisley &c. 1856.

Near Glasgow &c under stones and leaves;
Can make a "puffing" noise by rubbing abdomen
against the soldered elytra, & allowing the air suddenly
to enter. 1856. Common. 1856.

Occasional in Upland districts, Kilpat.k Hills Monkton &c. 1856.
Common in old stumps, old dykes, &c 1856.
Dunoon, Ayrshire, & Wigtonshire. 1856.

Ayrshire; Kilpatrick Hills; Renfrewshire; 1856.

Goatfell; Benlomond. 1856. Bendonich. 1857.
Dumbarton, near Glasgow; &c 1856.
Not unfrequent. 1856.

Goatfell; Renfrewshire;. 1856.

Kelvinside; Pairley. 1856

Common. 1856

Renfrew; Parsley &c. not very common. 1856 —
Near Pairley; Mr Young. 1856. — —

Occasional about Glasgow & Pairley. 1856.

CYCHRUS *Fab.*

✗C. ROSTRATUS *Lin. Steph.* — Occasional. Generally distributed.

CARABUS *Lin.*

✗C. CATENULATUS *Fab. Steph.* — Common.

C. MONILIS *Fab. Steph.* — Near Edinburgh. Sir P. Walker. Granton. Mr R. Logan.

✗C. ARVENSIS *Fab. Steph.* — Not very common.

✗C. CANCELLATUS *Ill. Steph.* granulatus *Fab.* (not *Lin.*) — Not rare.

✗C. CLATHRATUS *Fab. Steph.* — Clova mountains, Forfarsh.; Sutherlandshire. Sparingly in South of Scotland; abundant in Mull, Hebrides, &c.

✗C. NITENS *Lin. Steph.* — Scarce; but generally distributed in the mountainous parts of Scotland. More plentiful in the north.

✗C. GLABRATUS *Fab. Steph.* — North of Scotland. Not common.

✗C. VIOLACEUS *Lin. Steph.* — Occasional throughout Scotland.

✗C. HORTENSIS *Fab. Dej.* nemoralis *Müller*, *Steph.* — Common in spring everywhere.

CYMINDIS *Lat. Dej.*

TARUS *Clair. Steph.*

✗C. BASALIS *Gyll. Steph.* punctata *Bon. Dej.* humeralis *Pk.* (not *Fab. Steph.*) — Under stones, on tops of high hills throughout Scotland.

DROMIUS *Bon.*

✗D. AGILIS *Fab. Steph.* truncatus *Fab.* — Under bark. Generally distributed.

D. GLABRATUS *Duft. Steph.* — Cramond. Rare. Rev. W. Little.

✗D. QUADRIMACULATUS *Panz. Steph.* — Under bark. Common.

✗D. QUADRINOTATUS *Duft. Steph.* — Under bark of fir-trees, near Edinb.

✗D. FASCIATUS *Fab. Dej. Steph.* — Under stones. Salisbury Craigs, Edinburgh; Berwickshire; East-Lothian; Fifeshire, &c.

✗D. LINEARIS *Bon. Oliv. Steph.* punctatostriatus *Duft.* præsta *Stevens.* — Throughout Scotland.

D. FOVEOLUS *Gyll. Steph.* — Dry upland pastures. Arthur Seat; Berwickshire, &c.
punctatellus *Duft. Dej.*
truncatellus *Lat.* (not *Lin. Fab.*)

D. TRUNCATELLUS *Lin. Steph.* — Cramond. Rev. W. Little.

LEBIA *Lat.*

LAMPRIAS *Bon. Steph.*

L. CHLOROCEPHALA *Ent. Heft. Steph.* — Scarce. Lairig, in Sutherlandshire; Berwickshire; near Paisley; Braid Hills, near Edinburgh.

L. CRUX-MINOR *Lin. Fab.* var. β — Beaten off a sallow near Luss, south end of Loch Lomond. Mr R. Logan.

MISCODERA *Esch. Steph.*

LEIOCHITON *Curt.*

M. ARCTICA *Pk. Steph.* — On tops of high hills throughout Scotland.

CLIVINA *Lat.*

C. FOSSOR *Lin. Steph.* — Common.
Var. sanguinea *Leach.* — Rare.

C. COLLARIS *Herbst, Steph.* — Not uncommon.

DYSCHIRIUS *Pz.*

D. ÆNEUS *Zieg. Steph.* — Occasional.
pusillus *Steph.*
aeratus *Hal. Steph.*
thoracicus *Ill. Steph.*
tristis *Steph.*

D. thoracicus *Fab.* Renfrewshire, Mr Young 1856

D. NITIDUS *Dej. Steph.* — Dollar. Mr J. T. Syme. Raehills, Dumfriessh. Rev. W. Little.
thoracicus *Oliv.* (not *Steph.*)

D. GIBBUS *Fab. Panz. Steph.* — Occasional.
globosus *Herbst.*
minimus *Ahrens, Steph.*
remotus *Marsh.*

LORICERA *Lat.*

L. PILICORNIS *Fab. Steph.* — Common everywhere.

CHLÆNIUS *Bon.*

C. NIGRICORNIS *Fab. Steph.* — Occasional. South of Scotland; Edinburgh; Perthshire; Lanarkshire.

Seemingly rare. 1856.

Very rare. it has been taken in England this yea
(1856) more plentifully than ever before; it
frequents marshy places. 1856.
Renfrewshire, Mr Young. 1856.

Common 1856
Damp sandy places, Banks of Clyde, Monkto
Ayrshire &c 1856.
Aldrossan, Saltcoats. 1856.

Hamilton; Paisley; damp mossy places. 1856.

Banks of Reservoir near Paisley. 1856.

Dumbarton; Paisley, 1856

Not uncommon. 1856.

Glasgow; Paisley; in cellars. 1856

Glasgow. Paisley; cellars & outhouses, Monkton. 1856.

Bowling Bay; Paisley; in mossy woods, 1856.
Common. 1856.

Common. 1856.
Renfrewshire. 1856.

Millport; Tollcross. 1856.
Shores of Clyde 1856.

Near Lanark. 1856.

BADISTER *Clair.*

✕B. BIPUSTULATUS *Fab. Steph.*	Occasional.	
B. HUMERALIS *Duft.* — (*Trimorphus*) *Steph.* sodalis *Duft. Sturm.* dorsiger *Duft.* confinis *Steph.* scapularis *Steph.*	Loch Awe.	Dr Leach. *Ent. Edin.*

PATROBUS *Meg. Dej.*

✕P. EXCAVATUS *Pk.* velox *Fab.* rufipes *Gyll. Dej. Steph.*	Occasional.	
✕P. SEPTENTRIONIS *Dej. Schon.* alpinus *Curt. Steph.*	Sparingly on Ben Lomond and other Highland mountains.	

SPHODRUS *Clair.*

✕S. LEUCOPHTHALMUS *Lin. Steph.* planus *Fab. Dej.* niger *Payk.*	South of Scotland. Very rare.	

PRISTONYCHUS *Dej.*

✕P. TERRICOLA *Ill. Dej. Steph.* subcyaneus *Ill. Gyll.*	Occasional in South of Scotland; more plentiful in Sutherland and Ross shires.	

CALATHUS *Bon.*

✕C. ROTUNDICOLLIS *Dej.* piceus *Marsh. Steph.*	Not very common.	
✕C. MELANOCEPHALUS *Lin. Steph.* Var. apicalis *Newm. Steph.*	Common everywhere.	
✕C. CISTELOIDES *Ill. Steph.*	Common.	
✕C. FLAVIPES *Pk. Steph.* crocopus *Hoffm. Steph.* fuscus *Steph.* (not *Fab.*)	Guillane Links.	A. Murray.
✕C. FUSCUS *Fab.* (not *Steph.*) rufangulus *Steph.* ambiguus *Pk.*	Common.	
✕C. OCHROPTERUS *Duft.* mollis *Marsh. Steph.*	Sandy sea-shores. Not rare.	
✕C. MICROPTERUS *Duft. Steph.* microcephalus *Dej.* glabripennis *Sturm.* melanocephalus var. β *Gyll.*	Forfarshire, Aberdeenshire, Perthshire, &c. Mr James Wilson. *Ent. Edin.* Musselburgh Links. Rev. W. Little.	

SYNUCHUS *Gyll. Steph.*

TAPHRIA *Bon. Dej.*

S. VIVALIS *Ill.* — Not common. Edinb., Fife, Forfar.
nivalis *Panz. Dej. Steph.*

ANCHOMENUS *Erichson.*

(ANCHOMENUS *Bon.*)

A. ANGUSTICOLLIS *Fab. Dej.* — More plentiful in the northern than southern parts of Scotland.
(*Platynus Steph.*)
assimilis *Ph.*

A. PRASINUS *Fab. Steph.* — Common.
viridanus *Oliv.*

A. ALBIPES *Fab. Erich. Steph.* — Common.
pallipes *Fab. Dej.*
pavidus *Panz.*

(AGONUM *Bon. Steph.*)

A. MARGINATUS *Lin. Steph.* — Margins of lakes, &c. throughout Scotland.

A. ERICETI *Knock. Panz. Styrm.* — Rare. Near Paisley.
fulgens *Steph.* — Mr Morris Young.

A. PARUMPUNCTATUS *Fab. Steph.* — Abundant. 1856

A. VIDUUS *Gyll. Erich. Steph.* — Occasional.
plicicolle *Steph.*

A. MŒSTUS *Sturm, Erich. Steph.* — Occasional.
emarginatum *Gyll. Steph.*
versutum *Sturm, Steph.*
læve *Dej. Steph.*
afrum *Duft. Sturm, Steph.*

A. GRACILIS *Sturm, Dej.* — Dalmeny Park, near Edinburgh.
atratum *Steph.* — Sparingly, near Paisley.

A. THOREYI *Dej.* — Raehills, Dumfriessh. Rev. W. Little.
pelidnum *Steph.*

A. PICEUS *Lin. Steph.* — Dollar; Dalmeny Park; Ormiston.
fuliginosum *Steph.*
Simpsoni *Spence, Steph.*
pullum *Hoffman.*
striatum *Steph.*
fuscipenne *Steph.*
gracile *Steph.*

Hills near Lochlomond & Lochgoil; Paisley. 1856.

Plentiful under bark Cadzow Forest;
Paisley 1856

Common 1856

Banks of Streams, common. 1856.

Hoyganfield Loch; Lakes near Rothesay. 1856.

now acknowledges Ericeti as the correct name.
See. "Ent. Annual 1857." 1856

Not common; Renfrewshire. 1856.

It is doubtful whether A. Gracilis has yet occurred in this
Gleniffer Braes, not common, Mr. Young. 1856.

Oban, amongst grass, in ditches; Paisley. 1856.

Banks of Clyde & East; Mr. Young. 1856.

Rather common. 1856

Near Paisley Mr Young / spec. 1856.
Not common. 1856
Common. 1856.

Glasgow; Paisley &c 1856

Near Irvine Mr Young. 1856.

Bowling; Tolcross &c. 1856.

Not rare. 1856

Bowling; Tolcross; Paisley. 1856.

Not uncommon. 1856.

✗ A. ACUMINATA *Payk, Sturm.*	Common.
eurynota *Ill. Dej. Steph.*	
vulgaris *Fab.*	
Var. ærata *Kirby, Steph.*	
✗ A. TRIVIALIS *Gyll. Dej. Steph.*	Common.
atra *Steph.*	
✗ A. SPRETA *Zimmer. Dej. Steph.*	Fifeshire. A. Murray.
✗ A. VULGARIS *Lin. Dej. Steph.*	Occasional.
A. ÆNEA (*Meg.*)	Common.
✗ communis *Dej. Sturm.*	
rufiventris *Germar.*	
obtusa *Steph.*	
latescens *Steph.*	
convexior *Steph.*	
plebeia *Steph.*	
Var. atrocœrulea (*Meg.*) *Steph.*	
— atrata *Heer.*	
— alpicola *Heer.*	
ferrea *Sturm.*	
✗ A. FAMILIARIS *Duft. Dej. Steph.*	Common.
lævis *Sturm, Steph.*	
lucida *Duft. Steph.*	
cursor *Sturm, Steph.*	
vulgaris *Müll.* var. β *Sch.*	
✗ A. TIBIALIS *Pk. Dej. Steph.*	Musselburgh Links.
(BRADYTUS *Steph.*)	
✗ A. FERRUGINEA *Lin.*	On sandy shores of lakes, &c.
fulva *Degeer.*	
pallida *Fab.*	
✗ A. APRICARIA *Fab. Steph.*	Not rare.
torridus *Steph.*	
✗ A. CONSULARIS *Duft. Steph.*	Occasional.
crassus *Steph.*	
(LEIRUS *Meg. Zimmer.*)	
(CURTONOTUS *Steph.*)	
✗ A. SPINIPES *Lin.*	Occasional throughout Scotland.
picea *Fab.*	
aulica *Ill. Gyll. Dej. Steph.*	
A. CONVEXIUSCULA *Marsh. Dej. Steph.*	Near Edinburgh.

ANISODACTYLUS *Dej.*

A. BINOTATUS *Fab. Steph.* — Common in Mull; occasional near Paisley, and Glasgow.

OPHONUS *Zeigl.*

O. OBSCURUS *Fab. Steph.* — Raehills. Rev. W. Little.

O. PUNCTICOLLIS *Payk. Steph.* — Near Edinburgh, Berwickshire.

O. PUBESCENS *Payk. Steph.* — On sea-coasts; near Edinburgh, East Lothian, Dumfries, &c.

HARPALUS *Latreille.*

H. TARDUS *Ill. Dej.* (not *Steph.*) — Occasional.
rufimanus *Marsh. Steph.*
fuliginosus *Steph.*
latus *Steph.*
lentus *Sturm.*

H. RUBRIPES *Gyll. Steph.* — Occasional; Dollar, Edinr., Fife.
Petisii *Steph.*
azureus *Steph.*
chloropterus *Steph.*
marginellus *Steph.*
fulvipes *Steph.*
lentus *Steph.*

H. PUNCTIGER *Steph.* — Salisbury Craigs. *Ent. Edin.*

H. LIMBATUS *Duft. Steph.* — Common.
rufibarbis *Fab.*
flaviventris *Sturm.*

H. ÆNEUS *Fab. Steph.* — Common.
Proteus *Payk.*
concinnus *Steph.*
subcœruleus *Steph.*

H. RUFICORNIS *Fab. Steph.* — Common.
pubescens *Müll.*

H. anxius

STENOLOPHUS (*Meg.*) *Dej.*

ACUPALPUS *Lat.*

S. DORSALIS *Fab. Dej.* — Raehills. Rev. W. Little.
parvulus (*Trechus*) *Steph.* — Near Paisley. Mr M. Young.

S. BRUNNIPES *Duft. Steph.* — Near Paisley. Mr M. Young.
atratus *Dej.* — East Lothian. Mr Hardy.
pallipes *Steph.*

S. LURIDUS *Dej.* — Moffat Hills. Rev. W. Little.
flavicollis *Steph.* (not *Sturm.*)

Between Paisley & Neilston; Mr Young.
Seemingly rare - Mull. R. H. 1856.
Common, Ayrshire; Argyle; 1856.

Tollcross & near Paisley. 1856

1 spec = Mull; Paisley; Rare. 1856
H.H. M.Y.

= fulvipes of Dawson's List; Common. 1856

Common in sandy places. 1856.

Common - 1856.
— Rare. Ayrshire; Mr Duncan. 1856.

The Paisley Acersalis has been entered by
Mistake. S. brunnipes is according to
Dawson a dark variety of Bradycellus fulvus
= harpalinus of next page. S. brunnipes
of Sturm has not occurred in Britain.
1856

Boggy places. Common. 1856.

Most frequent on heaths. 1856.

Common. 1856.

Not rare in damp healthy places. 1856

Near Paisley. 1856.

Very common. 1856.

Kirkintilloch; Inveraray; &c 1856.

Common. 1856.

Very common. 1856.

Inveraray; Arran; Mull; K.K. 1856

A. PICIPES *Dej. Erich. Steph.* — Not rare.

OLISTHOPUS *Dej.*

O. ROTUNDATUS *Pk. Steph.* rotundicollis *Steph.* (*Odontonyx Steph.*) — Not rare.

PŒCILUS *Bon.*

P. CUPREUS *Lin. Steph.* — Common.
Var. rufifemoratus *Steph.*
Var. versicolor *Sturm*, *Steph.* — Not uncommon.

P. LEPIDUS *Fab. Steph.* — Tollcross, near Glasgow. 1836 Mr Hislop.

ARGUTOR *Meg.*

A. STRENUUS *Ill. Panz.* pullus *Gyll. Dej.* (not *Steph.*) diligens *Steph.* — Near Paisley. 1836 Mr M. Young.

A. PYGMÆUS *Sturm*, *Erich.* strenuus *Dej. Steph.* pullus *Steph.* interstinctus *Steph.* — Rare.

Var. erythropus *Marsh. Steph.* — Common.

A. VERNALIS *Dej. Steph.* rufomarginatus *Curt. Steph.* — Occasional in Galloway and Dumfriessh. Rarer towards the North.

OMASEUS *Ziegler.*

FERONIA *Dej.*

O. NIGRITA *Fab. Steph.* rufifemoratus *Steph.* — Common.

O. ORINOMUM *Leach*, *Steph.* Bulwerii *Steph.* — Found sparingly in the south, east, and north of Scotland; more plentiful in the west and among the Isles. 1836

O. MELANARIUS *Ill. Steph.* affinis *Steph.* — Abundant.

STEROPUS *Meg.*

FERONIA *Dej.*

S. MADIDUS *Fab. Steph.* — Very common.

S. ÆTHIOPS *Panz. Steph.* — Not common. West of Scotland.

PLATYSMA *Bon.*

FERONIA *Dej.*

P. NIGER *Fab. Steph.* — Common.

ABAX *Bon.*

FERONIA *Dej.*

A. STRIOLA *Fab. Steph.* — Occasional throughout Scotland, but not common.

BROSCUS *Panz.*

CEPHALOTES, *Bon. Dej.*

B. CEPHALOTES *Lin. Steph.* vulgaris *Bon.* — Common on sandy sea-coasts.

STOMIS *Clair. Dej.*

S. PUMICATUS *Panz. Dej. Steph.* — Occasional.

Oödes helopioides

AMARA *Bon.*

(PERCOSIA *Zimmer.*)

A. PATRICIA *Creutz.* marginata *Curt.* — Border of a heath in Berwickshire; very rare. Mr James Hardy.

(CELIA *Zimmer.*)

A. BIFRONS *Gyll. Steph.* discrepans *Marsh.* — Forfarshire, Berwickshire.

oricalcica Müller

(AMARA *Zimmer.*)

A. PLEBEIA *Gyll. Dej.* (not *Steph.*) nitida *Steph.* — Near Edinburgh, East Lothian; Whittingham.

A. COMMUNIS *Fab. Steph.* similata *Gyll. Dej. Steph.* montivaga *Sturm.* — Occasional.

A. OBSOLETA *Duft. Dej. Steph.* pratensis *Sturm.* ovata *Fab. Steph.* ingenua *Steph.* (not *Erich.*) subaenea *Steph.* (not *Erich.*) — Raehills. Rev. W. Little.

Common. 1856.

Bowling; Paisley, 1856.

Ayrshire. 1856.

Not common, Kelvin. 1856.
Paisley Moss, Mr. Young. 1856.

Inchinnan R.H. Tolleross, Mr. Donaldson 1856

Rather common. 1856.

(Paisley) not certain 1856.

Renfrewshire. 1856.

In moory places not rare. 1856.

Near Glasgow, Paisley &c. 1856.

Frequently found in moory places. 1856.

Near Clyde Mr Young - 1856.
Very common. 1856.

Mull not scarce. 1856.

Shores of Clyde. 1856.

BRADYCELLUS *Erich.*

ACUPALPUS *Dej.*
TRECHUS *Clair. Steph.*

B. COGNATUS *Gyll. Dej.* — Near Edinburgh; Berwickshire; Renfrewshire.
suturalis *Steph.*
Deutchii *Sahlberg.*
Alpinus *Schön.*

B. HARPALINUS *Dej.* — Near Edinburgh; East Lothian; Berwickshire, &c.
fulvus *Steph.*
pallidus *Steph.*
~~lapidosus Daws.~~

B. SIMILIS *Erich.* — Salisbury Craigs, Moffat Hills, East Lothian, &c.
ruficollis *Steph.*

B. COLLARIS *Pk. Steph.* — Near Edinburgh; Berwickshire.

TRECHUS *Clair.*

T. MICROS *Herbst, Steph.* — Berwickshire; near Falkirk; near Paisley; Mull; Glasgow. 1856
rubens *Duft.*
planatus *Duft.*
sericeus *Fletsch.*
crassicornis *Sturm.*
J. lapidosus Dawson

T. MINUTUS *Fab. Erich. Steph.* — Abundant.
tempestivus *Panz.*
quadristriatus *Gyll.*
rubens *Clair. Dej.*
aquaticus *Steph.*
fuscipennis *Steph.*
tristis *Steph.*
lævis *Steph.*

T. PALUDOSUS (*Blemus, Steph.*) *Gyll.* — Grampian Hills; Raehills, very scarce; occasional, near Paisley; 1856 Berwickshire; Zetland.

T. SECALIS *Pk.* (*Epaphius*) *Leach* — Wet soils in several parts of Ber-
testaceus *Fab.* — wickshire. Mr Hislop. Mr Hardy.

AEPUS *Leach.*

AE. FULVESCENS *Leach, Steph.* — Between the layers of shale below high-water mark on the coasts of East Lothian and Berwick.
x marinus Ström

AE. ROBINII *Laboulbène* — Similar localities in the Firth of Forth.

BEMBIDIUM *Lat. Dej.*

1ST DIVISION. *Dej.*

CILLENUM *Leach.*

✕ B. LATERALE *Curtis*, *Steph.* Leachii *Dej.*	Shores of the Firth of Forth, near Edinburgh—rare; shores of Clyde at Kilpatrick, in considerable numbers.
3D DIVISION. *Dej.* TACHYS (*Meg.*)	
✕ B. RUFESCENS *Dej.* melanocephalus (*Ocys.*) *Steph.* tempestivus (*Ocys.*) *Steph.*	Near Paisley, common under bark; Bothwell.
✕ B. QUINQUESTRIATUM *Gyll.* Pumilio *Duftsch. Dej.* acrocolium *Bech.* currens (*Ocys.*) *Steph.*	Near Edinburgh; Fife; Dollar, &c.
4TH DIVISION. *Dej.* NOTAPHUS *Meg. Steph.*	
B. VARIUM *Oliv.* ustulatum *Fab. Dej.* (not *Lin.*) *Steph.* obliquus *Steph.* (not *Sturm*) semipunctatus *Don.* flammulatus *Duft.* bifasciatus *Leach*, *Steph.* nebulosus *Steph.* var. fumigatus *Steph. Dej.* (not *Duft.*) Sturmii *Duft.* majus var. β, *Gyll.*	Dumfriesshire. *Ent. Edin.*
B. FLAMMULATUM *Clair.* undulatum *Sturm*, *Steph.* majus *Gyll.* tinctum *Zett.*	Banks of Teviot, opposite Minto; likewise in Peeblesshire, and near Annan. *Ent. Edin.*
5TH DIVISION. *Dej.*	
B. PALLUDOSUM *Panz. Steph.* littorale *Oliv.* (*Elaphrus.*)	Banks of streams and lakes—local.
6TH DIVISION. *Dej.* TACHYPUS *Steph.* (not *Dej.*)	
✕ B. PUNCTULATUM *Drap.* chlorophanum *Sturm*, *Steph.* ærosum *Erich.* striatus *Duft. Steph.* (not *Fab.*)	Occasional in similar localities.
✕ B. PALLIDIPENNE *Ill.* Andreæ *Gyll. Steph.*	Shore of Loch Leven; coast of Argyllshire; Firth of Forth, &c.

Paisley. 1856.

Clyde near Hamilton; Renfrew &c. 1856.

Millport Mr. J. McCall; Near Moncton N.B. Aug. 1856.

Occasional. Near Boy's House of Refuge, Glasgow, &c. 1856.

Paisley. 1856.

Very common. 1856.

Clyde &c. Mugdock Loch. 1856.
Bowling. R.R. 1856

Kilpatrick, occasional. 1856.

Very common by Kelvin &c. 1856
Banks of Kelvin. 1856.
Bothwell; Paisley. 1856.

B. BIPUNCTATUM *Lin. Steph.* — Not rare on banks of streams, &c.
gracile *Ramb.*

7TH DIVISION. *Dej.*

PERYPHUS *Meg. Steph.*

B. LUNATUM *And. Duft. Steph.* — Rare. Raehills; Kilpatrick, Ayrshire; Berwickshire.
ustus *Steph.*

B. USTULATUM *Lin. Jacq: Duv.* — Common.
littoralis *Oliv. Steph.*
rupestris *Fab. Dej.*
tetraspilotus *Rudd, Steph.*
rupicola *Kirby.*
Andreæ *Erich.*

B. BRUXELLENSE *Wesm.* — Not rare.
femoratum *Gyll.*
obscurum *Redt.*

B. FEMORATUM *Sturm. Dej. Steph.* — Rare. Raehills; Dumfriesshire; near Paisley. 1856.
ustulatus *Oliv.*
concinnus *Steph.*? (not *Putz.*)

B. SAXATILE *Gyll. Steph.* — Berwick; Raehills. Rev. W. Little.
var. elegans *Steph.*

B. FASCIOLATUM *Duft.**
ustulatus var. *E. Payk.*
var. A. cœruleum *Dej.*
var. B. atrocœruleus *Steph.* — Not uncommon.
cyanescens *Wesm.*
cumatile *Schiodte.*
var. C. tibialis *Duft. Steph.* — Dumfriesshire; Dollar; Paisley; 1856.
cnemerythrus *Steph.* — Whittingham.

B. MONTICULUM *Sturm. Steph.* — Banks of the Annan. Occasional on high grounds in Renfrewshire. 1856

B. DECORUM *Panz.* not *Steph.* — Not rare.
agilis *Steph.*
viridiæneus *Steph.*

B. RUFIPES *Ill. Sturm.* (not *Gyll.* nor *Dej.*) — Not common. Portobello; Berwickshire.
brunnipes *Dej.*
decorus *Steph.*
albipes *Steph.*
var. A. stomoides *Dej.*†

* The type of this very variable species, and var. A., so far as I know, are not found in Britain.—A.M.

† I have inserted the varieties of this and of the next species to complete the synonymy, but they have not yet been found in Scotland.—A. M.

✗B. NITIDULUM *Marsh. Steph.*	Dumfriesshire; Renfrewshire. *1856.*	
rufipes *Gyll. Dej.*		
brunnipes *Sturm.*		
var. A. brunnicornis *Dej.*†		
var. B. deletum *Dej.*†		
var. C. affinis *Steph.*†		
✗B. PRASINUM *Duft. Dej.*	Lochlomond; Lanarkshire; Cra-	
olivaceum *Gyll. Steph.*	mond; Berwickshire. *1856.*	
Leachii *Steph.*		

8TH DIVISION. *Dej.*

LEJA *Meg.*

✗ B. LAMPROS *Herbst.*	Common.	
celer *Fab.* (*Tachypus*) *Steph.*		
rufipes *Oliv.*		
acutus *Marsh.*		
pulchella (*Lopha*) *Marsh. Steph.*		
var. velox *Erich.*	Common.	
properans *Hoffm.* (*Tachypus*) *Steph.*		
chalceus *Steph.*		
orichalcicus *Steph.* (not *Ill.*)		
✗B. PUSILLUM *Gyll.* (not *Steph.*)	Local. Dalmeny, near Edinburgh.	
minima *Fab.* (*Lopha*) *Steph.*		
atratum *Sturm.*		
✗B. GILVIPES *Kollar*, *Sturm.*		
var. Mannerheimii *Sahlb.*	Raehills.	Rev. W. Little.
nigra *Wilkin*, *Steph.*		
B. DORIS *Ill. Dej. Er.* (not *Steph.*)	Raehills; East-Lothian; Berwicksh.	
assimilis (*Lopha*) *Steph.* (not *Gyll.*)		
var. acquaticum *Panz.*		
minutum *Fab.*		
var. aquatilis *Ill.*		
✗B. SCHUPPELII *Dej.*	Near Edinburgh. Occasional.	
✗B. OBTUSUM *Sturm*, *Dej. Steph.* (*Tachys*, *Steph.*)	Occasional.	
immunis *Steph.*		
pusillus *Steph.*		
gracilis *Steph.*		
✗B. GUTTULUM *Fab. Dej. Erich.* (not *Steph.*)	Not rare.	
riparius *Oliv.*		
immaculatum *Höpf.*		
binotatus (*Tachys*) *Steph.*		
vittatus (*Tachys*) *Steph.*		
var. hæmorrhous *Steph.*		
var. bisignatum *Dej.*		

Near Luss & Lanark, not rare. 1856.

Rare; but on one occasion nearly two dozen were found on Clyde near Hamilton
R. H. 1856

Common. 1856.

Renfrewshire. 1856.

Renfrewshire. 1856.

Kelvin occasional; Renfrewshire. 1856.
Kelvin, Renfrews, &c. 1856.

Not rare. 1856.

Occasional by Clyde. 1856.

Occasional on Clyde & Cart.

Rather common. 1856.

Not rare. 1856.
4 of Lapponicus were first found in Mull by Rev. H. Clark. 4 in 1855 by R. H. 1856

Blythswood. Hill before entirely built upon & many places round Glasgow. 1856.

B. BIGUTTATUM *Fab.* — Not rare.
riparius *Oliv.*
nigroæneum *Sturm.*
guttula *Steph.*
var. fuscipes *Dej.* — Near Paisley. Mr M. Young.
var. vulneratum *Dej.* — Occasional. Near Edinburgh; Paisley, &c.
biguttatum *Steph.*
fuscipes *Steph.*
subfenestratum *Steph.*

B. ÆNEUM *Germar, Steph.* (*Philocthus*) — Common.
marinum *Schiodte.*

9TH DIVISION. *Dej.*

LOPHA *Meg.*

B. QUADRIGUTTATUM *Fab. Dej. Steph.* — Roxburghshire; Berwickshire, &c.
chlorocephalotes ♂ *Voet.* — marshy spot near bridge No. 8, over Union Canal, near Edinburgh.
var. speculare *Kuster.*

B. ARTICULATUM *Panz.* — Ben Lomond. Dr Leach. *Steph. Illust.* 1836
pœcila *Hoffm. Steph.*
subglobosus *Payk.*

10TH DIVISION. *Dej.*

TACHYPUS *Meg. Dej.* (not *Steph.*)

B. PALLIPES *Duft. Steph.* — Banks of Nith, near Dumfries. Rev. W. Little.

B. FLAVIPES *Lin. Steph.* — Banks of Teviot, opposite Minto; and Tweed, near Inverleithen; Berwickshire; near Paisley, &c. 1836
impressus *Fourc.* (not *Fab.*)

FAMILY DYTISCIDÆ.

DYTISCUS *Lin.*

D. MARGINALIS *Lin. Steph.* — Found in ponds throughout Scotland.
semistriatus *Lin.*

D. PUNCTULATUS *Fab. Steph.* — Found in ponds throughout Scotland.
semisulcatus *Müll.*
punctatus *Oliv. Erich.*
porcatus *Thunberg.*

D. Lapponicus

ACILIUS *Leach, Erich.*

A. SULCATUS *Lin. Steph.* — Not rare.
cinereus *Rossi.*
Scoticus *Curt. Steph.*

✕A. FASCIATUS *De Geer, Steph.* canaliculatus *Nicolai, Aubé.* calignosus *Curtis.* sulcipennis *Sahlb.* dispar *Zieg. Lacord.*	Taken occasionally.
COLYMBETES *Clair.* MELADEMA *Lap.* SCULOPTERUS *Dej.*	
✕C. FUSCUS *Lin. Steph.* striatus *Dej.*	Occasional.
✕C. CONSPERSUS *Gyll. Aubé* (not *Marsh.*) notatus *Lacord.* pulverosus *Knoch, Sturm, Steph.*	Forfarshire. Rev. W. Little.
✕C. NOTATUS *Fab. Gyll. Steph.* punctatus *Hoppe.* suturalis *Lacord. Dej. Cal.* roridus *Müll.* flavicollis *Esch.*	Dollar; Falkirk; Berwickshire.
✕C. COLLARIS *Payk.* exoletus *Forst. Steph.* adspersus *Panz.* (not *Fab.*)	Braid marshes, near Edinburgh; Glasgow, &c.; abundant, but local near Paisley. 1856
✕C. BISTRIATUS *Berg. Steph.* agilis *Payk. Erich.* (not *Fab.*)	Dollar; Swinton, Berwickshire; near Glasgow and Paisley. 1856.
ILYBIUS *Erich. Aubé.*	
✕I. ATER *De Geer, Steph.* quadrinotatus *Steph.* fenestratus *Payk*	Near Edinburgh; Dollar; Kinrossshire; Berwickshire; Glasgow. 1856
I. QUADRIGUTTATUS *Lacord. Erich. Dej.* obscurus *Marsh. Steph.*	Roxburghshire; near Edinburgh.
✕I. GUTTIGER *Gyll. Sahlb. Erich. Steph.* immunis *Steph.*	Frequent near Paisley. Mr M. Young.
✕I. FULGINOSUS *Fab. Steph.* lacustris *Panz.* fœtidus *Müll.*	Common in pools.
AGABUS *Leach, Aubé.*	
A. AGILIS *Fab. Steph.* hæmorrhoidalis *Fab.* var. oblongus *Ill. Gyll. Sturm.* ruficollis *Schall.*	Rachills, Dumfriesshire. Rev. W. Little.

Possil bog; Paisley - 1856.

Robroyston. 1856.

Near Paisley Mr. Young. 1856.

Near Paisley. 1856.

Rather common. 1856.

Occasional. 1856.

Dumbarton R. H. I conjecture of English Entomologist seems to be identical with this. 1856.
— & running water.

Has not occured at Paisley for several years. 6 or 8 specs. were taken about 1840. H. H. 1856.

Not very common Robroyston &c 1856.

Near Inchinnan Mr Young & R. H. 1856

In running water. 1856.
In Lochlomond & other Highland lakes a dark var. occurs which is A. Pulchellus Heer. 1856.
Occasional Pollockshaws &c 1856.

Common
A. congener is rare near Glasgow, one spec. was taken at Robroyston & a few in Mull.
It is more frequent among the Grampians of Clova H. H. 1856.

Very common. 1856.

X A. ARCTICUS *Payk. Steph.* — Dollar—rare. Plentiful in the island of Mull. Mr J. T. Syme. Mr Hislop. 1856

A. ULIGINOSUS *Lin. Fab. Erich. Steph.* — Rare. Near Edinburgh; Aberdeenshire.

X A. FEMORALIS *Payk. Steph.* — Pools by the side of Tweed and Teviot. Near Falkirk and Paisley. 1856.

assimilis *Sturm.*

X A. STURMII *Schon. Steph.* — Common. 1856. R.H. R.H.

X A. CHALCONOTUS *Kugel. Panz. Ill. Steph.* — Not uncommon.

cyaneus *Steph.*

concinnus *Marsh.*

nigroæneus *Marsh. Steph.* (immature.)

aterrimus *Steph.*

montanus *Steph.*

X A. FONTINALIS *Steph.* — Not common.

vittiger *Steph.* (not *Gyll. Aubé.*)

X A. GUTTATUS *Payk. Steph.* — Common.

fenestratus *Panz.* (not *Fab. Steph.*)

X A. MACULATUS *Lin. Steph.* — Common.

X A. PALUDOSUS *Fab. Gyll. Steph.* — Common.

congener *Ill.* (not *Payk. Steph. Erich.*)

pallidipennis *Lap.*

striolatus *Steph.* (not *Gyll.*)

X A. congener Payk. Steph. Erich.

X A. BIPUNCTATUS *Fab. Er.* — Common. near Glasgow A.S. 1856.

nebulosus *Forst. Steph.*

A. CONSPERSUS *Marsh. Steph.* — Near Musselburgh.

subnebulosus *Steph. Aubé.* — Mr J. W. Douglas, *Entomologist*, 1831.

X A. AFFINIS *Payk.* — Dumfriesshire; Fifeshire; near Glasgow; Renfrewshire, &c. common 1856

guttulus *Ill.*

branchiatus *Bab. Steph.*

X A. BIPUSTULATUS *Lin. Steph.* — Common.

carbonarius *Fab.*

Snowdonius *Newman, Steph.*

LACCOPHILUS *Leach, Aubé.*

X L. HYALINUS *De Geer, Steph.* — Near Edinburgh; Berwickshire; near Dollar; common near Glasgow, &c.

Man.

minutus *Marsh. Gyll. Aubé.*

obscurus *Panz.*

X A. pulchellus Heer var of Maculatus ?? 1856.

L. MINUTUS *Lin. Fab. Erich. Steph.* — Rare. South of Scotland. *Ent. Edin.*
interruptus *Panz, Aubé.*
hyalinus *Marsh. Sturm. Steph.* Illust.

HYDROPORUS *Clair. Steph.*

HYGROTUS *Steph.*, and HYDROPORUS *Steph.* —

X H. DUODECIMPUSTULATUS *Fab. Oliv.* — Near Edinburgh; Dollar; Dumfriesshire; Berwickshire; Renfrewshire. *1856*
12-punctatus *Steph.*

X H. ELEGANS *Illig.* — Not frequent. Edinburgh, Fife, &c.
depressus *Aubé, Steph.* (not *Fab.*)
brevis *Sturm.*

X H. DAVISII *Curtis, Aubé, Steph.* — Common in running streams.
borealis *Aubé, Steph.* (not *Gyll.*)
minimus *Duft.*
alpinus *Duft.*
septentrionalis *Heer.* (not *Gyll.*)

X H. FRATER *Kunzé, Steph. Gyll.* — Near Edinburgh; Dollar; Berwickshire.
assimilis *Sturm, Payk.*
halensis *Steph.* (not *Fab.*)
areolatus *Steph. Ill.* (not *Duft.*)
affinis *Sturm.*

X H. SEPTENTRIONALIS *Gyll.* — Devon; Dollar; Whitadder; Esk, above Musselburgh.
fluviatilis *Sturm.*
alpinus *Kunzé, Steph.* (not *Payk. Gyll.*)
rotundatus *Knoch.*
striolatus *Dej.*

X H. RIVALIS *Gyll.* — Common in running streams.
fluviatilis *Steph.*
Stephensii *Rudd, Steph.*

X H. HALENSIS, *Fab. Aubé.* — Raehills. Mull. *1856.*
areolatus *Duft.* — Rev. W. Little. Mr Hislop and Mr Syme.
griseostriatus *Steph.* (not *Degeer. Gyll. Aubé.*)

X H. PICIPES *Fab. Steph.* — Raehills. Rev. W. Little.
ovalis *Thun.* (not *Steph.*)
punctatus *Marsh.*

Bute; near Glasgow; not uncommon; sometimes occurs with elytra entirely Black. 1856.

Abundant in Kelvin Clyde &c. 1856.

Frequent 1856.

Ponds & streams. 1856.

Common in Kelvin & most streams. 1856

Occasional near Glasgow; Ayrshire. 1856.

Not Plentiful 1856

Near Ardrossan Mr. Young. 1856.

Was abundant when Railway was being made to L. Lomond, just where it terminates; scarce since. P.H. 1856.

Cantire, Rev. H. Clark. 1856.
The commonest of Hydropori

Clyde not common Mr. Young. 1856

Mull not common P.H. 1856.

Oban; not Plentiful 1856.

✗H. SCHONHERRI *Aubé.* ♂ — Falkirk; Loch Lomond; Bute. 1856 1856
consobrinus *Zetten.* ♂
novemlineatus *Rudd. Steph.* ♀
nigrolineatus *Gyll. Steph.* ♀
(not *Sturm. Aubé.*)
parallelus *Aubé*, var. ♀

✗H. DORSALIS, *Fab. Gyll.* — Raehills. — Rev. W. Little.

✗H. PALUSTRIS *Lin. Sturm. Steph. Erich.* — Common.
sexpustulatus *Fab. Steph.*
lituratus *Fab.* (not *Panz.*)
proximus *Steph.*
var. Cambriensis *Davis, Steph.*

✗H. ERYTHROCEPHALUS *Lin. Fab. Gyll. Steph. Aubé.* — Not rare.
sericeus *Esch.*
var. deplanatus *Gyll. Aubé.*

✗H. OVATUS *Sturm.* (not *Fab.*) — Dollar; Berwickshire.
latus *Rudd. Steph.*
castaneus *Heer.*

✗H. NIGRITA *Fab. Gyll. Sturm, Erich.* (not *Steph.*) — Dollar; Braid Hills, near Edinburgh; near Paisley. 1856.
trivialis *Spence, Steph.*

✗H. XANTHOPUS *Steph.* — Dollar; Swinton; Berwickshire.
planus *Steph.* Man. (not *Fab.*)
flavipes *Steph. Ill.* (not *Fab.*)
lituratus *Brullé, Aubé* (not *Fab.*)

✗H. PUBESCENS *Gyll. Aubé, Steph.* — Not uncommon near Edinburgh; Kinross-shire; near Paisley, &c. 1856.
piceus *Sturm, Erich.* (not *Kirby, Steph.*)
melanocephalus *Marsh. Steph. Sturm,* (not *Gyll. Aubé.*)
caliginosus *Steph.*
planus *Marsh. Steph.* Illust. (not *Fab.*)

✗H. fusculus *Hellw.* melanocephalus *Gyll.* Oban H. Clark & R.H. 1856

✗H. VITTULA *Erich.* — Dollar; Fife; Kinross-shire; Paisley; Raehills, &c. 1856
nigrita *Steph.* (not *Fab.*)
ambiguus *Aubé.*

✗H. PLANUS *Fab. Gyll. Sturm, Erich. Aubé*, (not *Steph.*) flavipes *Fab.* ater *Forster, Steph.* holosericeus *Marsh. Steph. Ill.* pubescens *Steph.* (not *Gyll.*) fuscatus *Steph.*	Near Edinburgh; Dumfriesshire; Dollar.
✗H. MEMNONIUS *Nicolai, Erich. Aubé, Steph.* niger *Sturm*, ♂ jugularis *Bab.* ♂ ♀ sub-elongatus *Steph.* ♂ marginatus *Steph.* ♂ immature (not *Duft. Kunzé, Aubé.*) deplanatus *Steph.* ♀ (not *Gyll. Aubé.*) castaneus *Aubé*, ♀	Raehills; Dollar; Kinross-shire; Tweed, Berwickshire.
✗H. RUFIFRONS *Duft. Gyll.* (not *Steph.*) griseus *Steph.* piceus *Steph.* (not *Aubé.*)	Berwickshire, rare; occasional near Paisley.
H. ANGUSTATUS *Sturm. Erich. Aubé.* tristis *Steph.* (not *Payk*) acuminatus *Sturm.*	Near Swinton, Berwickshire. Raehills.
✗H. GYLLENHALII *Schiodte*, rufifrons *Steph.* (not *Duft. Gyll.*) piceus *Aubé* (not *Steph.*, nor *Sturm, Erich.*) melanocephalus var. a. b. *Gyll*	Dalmeny. Rev. W. Little.
✗H. tristis Payk. Mull. 1856	
H. LINEATUS *Fab. Gyll. Sturm, Aubé, Erich.* pygmæus *Fab. Steph.* ovatus *Fab.* (not *Sturm.*)	Near Smailholm Tower; Berwickshire. Mr Hislop. Mr Hardy.
✗ H. obscurus Sturm Cban R.S. Cornell Wells, Argyllshire	
✗H. UMBROSUS *Gyll.*	Sparingly near Paisley. Mr M. Young.
✗H. PICTUS *Fab. Gyll. Steph. Aubé.* arcuatus *Fab.* flexuosus *Marsh.*	Near Edinburgh; Berwickshire. Common near Paisley.

Ayrshire. 1856.

Paisley. 1856.

Cantyre; Mull H. Clark R.H. 1856.

Plentiful. H. Clark. 1856.

and ditches east of Glasgow; Ayrshire, 1856.

Dumbarton, Renfrewshire; Rather common in old Quarries, 1856.

Pollockshaws. 1856.

Ayrshire 1856

Not Common. 1856.

Possil Vc. Not rare 1856

✗H. LEPIDUS *Oliv. Schön. Aubé*, scitulus *Spence*, *Steph.* — Not rare. Near Edinburgh; Aberdeenshire; Berwickshire; Lanarkshire, &c. *1856*

✗H. CONFLUENS *Fab. Panz. Gyll. Steph.* — Raehills; near Paisley; near Falkirk. *1856.*

✗H. INEQUALIS *Fab. Gyll. Steph. Erich. Aubé*, parvulus *Fab.* reticulatus *Steph.* (not *Fab.*) trifidus *Marsh.* — Near Edinburgh; Dumfriesshire; Berwickshire; Lanarkshire, &c. *1856.*

H. RETICULATUS *Fab. Gyll. Aubé*, (not *Steph.*) collaris *Panz. Steph.* var. affinis *Steph.* — Roxburghshire; Berwickshire.

✗ *Chemidotus caesus* — *Paisley, rare; Mr Young* *1856*

HALIPLUS *Lat.*

✗H. ELEVATUS *Panz. Gyll. Steph.* — Whitadder; Water-of-Leith; Kelvin; Avon, &c. *1856*

✗H. FULVUS *Fab. Clair. Bab. Erich. Steph.* ferrugineus var. β *Schon. Gyll. Aubé.* ferrugineus var. *Steph. Ill.* interpunctatus *Marsh.* — Ponds near Edinburgh; Dollar; Berwickshire; Paisley, &c. *1856*

H. VARIEGATUS *Sturm*, *Erich. Aubé.* subnubilus *Bab.?* ruficollis *Steph.* Man. (not *De Geer*, *Erich.*) margine-punctatus *Steph. Illig.* (not *Panz.*) — Dollar. Mr J. T. Syme.

✗H. RUFICOLLIS *De Geer*, *Erich. Steph.* Illust. impressus *Gyll. Aubé*, (not *Erich. Ill.*) melanocephalus *Steph. Illig.* fulvicollis *Steph.* brevis *Steph.* rubicundus *Bab.* var. β margine-punctatus *Panz.* (not *Steph.*) — Not uncommon.

X H. LINEATOCOLLIS *Marsh. Gyll. Steph. Aubé, Erich.* Common.
bistriolatus *Duft. Sturm.*
trimaculatus *Drap.*

X H. LINEATUS *Aubé.* Loch Leven; Swinton; Berwickshire.
confinis *Steph.*

H. OBLIQUUS *Fab. Panz. Steph.* Whitadder; Berwickshire.
confluens *Fab.*
marmoreus *Oliv.*

FAMILY GYRINIDÆ.

GYRINUS *Geoff.*

X G. MINUTUS *Fab. Steph.* Near Hawick; Water-of-Leith, and Braid ponds, near Edinburgh; Berwickshire; near Paisley. 1856
bicolor *Oliv.* (not *Payk.*)

X G. NATATOR *Lin. Gyll. Steph. Aubé.* In ponds. Common everywhere.
var. substriatus *Steph.*

X G. MARINUS *Gyll. Ahr. Erich. Aubé. Steph.* Duddingston Loch, and Lochend—Canal near Glasgow and Paisley; Linlithgow Loch. 1856
natator *Fab.* (not *Lin.*)
æneus *Steph.* var. major (not *Aubé.*)
æratus *Steph.* var. minor.
dorsalis *Gyll.* var.

X G. bicolor near Monkton, Mr Duncan 1856

ORECHTOCHILUS *Esch.*

X O. VILLOSUS *Fab. Gyll. Steph. Aubé.* In the Jed, near Jedburgh; Earlston; Loch Lomond; Kelvin; 1856 abundant in Eden, near Nenthorn.

FAMILY HYDROPHILIDÆ.

HELOPHORUS *Fab.*

X H. NUBILUS *Fab. Steph.* Not rare.
cinereus *Marsh.*

Near Paisley Mr. Young. 1856.

Dumbarton not rare; Mull plentifull. 1856.

Ayrshire. 1856.

The Paisley insect = Octhebius bicolor 1856

Dr Colquhoun

Cart near Paisley 1856.

near Paisley, Mr Young. 1856.

H. GRISEUS *Bruk.* / intermedius *Dej. Muls.* — Not scarce. 1856

X H. AQUATICUS *Lin. Steph.*
æneus *Illig.*
flavipes *Herbst.*
stagnalis *Marsh.*
grandis *Illig.* — Common.

X H. GRANULARIS *Lin. Steph.*
flavipes *Fab.*
aquaticus *Fab.*
griseus *Herbst.*
affinis *Marsh.* — Common.

H. DORSALIS *Marsh.* — Dollar. Mr J. T. Syme.

H. FENNICUS *Payk.* — Occasional; near Edinburgh; Berwickshire; Aberdeenshire.

HYDROCHUS *Germar.*

X H. BREVIS *Herbst. Steph.* — Braid Hill marshes, near Edinburgh. Abundant. Common in Cart, near Paisley. 1856.

H. ELONGATUS *Schaller, Steph.* — South of Scotland, near Edinburgh.
cicindeloides *Marsh.*

X H. AUGUSTATUS *Müller, Germar.*
elongatus *Oliv.*
crenatus *Steph.* (not *Fab.*)
bicolor *Dahl.* — Braid Hill marshes, near Edinburgh; Swinton, Berwickshire; near Glasgow. 1856.

OCHTHEBIUS *Leach, Lat.*
ENICOCERUS *Curtis.*

O. MARINUS *Payk.*
meridionalis *Dej.*
pallidipennis *Frivaldsky.* — Dalmeny Park, in a marsh by the shore. Rev. W. Little.

X O. EXCULPTUS *Müll. Germ.*
♂ var. *a.* viridiæneus *Curtis.*
♀ var. *β.* Gibsonii *Curtis.*
♂ tristis *Curtis.*
sulcicollis *Lintz.* — Teviot, Leith, Devon, Cart, &c. 1856 Not scarce.

O. PYGMAEUS *Fab.*
minimus *Fab.*
riparia *(Hydraena) Illig.* (not *Steph.*)
impressus *Marsh.* — Swinton—sea coast, near Cockburnspath. Mr James Hardy.

† X *O. bicolor Germar*

† X *O. hibernicus Curtis.*
punctatus. Steph.

HYDRÆNA *Kugelan.*

✗ H. RIPARIA *Kug. Steph.* minimus *Payk.* (*Helophorus.*) longipalpis *Marsh.* Kugellani *Leach.*	Common.	
✗ H. NIGRITA (*Müll.*) pusilla *Steph.*	Berwickshire.	Mr Hardy.

LIMNEBIUS *Leach, Solier.*

✗ L. TRUNCATELLUS *Thunb. Fab. Erich.* (not *Steph?*) parvulus *Herbst.* affinis *Steph.* ater *Steph.*	Not scarce.	
✗ L. NITIDUS *Marsh. Steph.* truncatellus *Steph. ?*	Not common. Water-of-Leith; Berwickshire.	
L. NIGRINUS *Marsh. Steph.* nigricans *Curt.* lutosus *Marsh. Steph.*	Occasional. Near Edinburgh; River Annan, near Moffat; Berwickshire.	

BEROSUS *Leach, Lat.*

B. LURIDUS *Lin. Fab.* (not *Steph.*) fuscus *De Geer.* globosus *Curt. Steph. ?*	Dumfriesshire.	Rev. W. Little.

HYDROBIUS *Leach.*

✗ H. FUSCIPES *Lin. Steph.* aquaticus *Lin.* scarabæoides *Fab.*	Common.	
✗ H. GLOBULUS *Payk.* (*Laccobius*) *Steph.* Syn. limbatus *Fab. Steph.* Man. minutus *Oliv. Marsh. Steph.* var. bipustulatus *Marsh. Steph.* similis *De Castelnau.*	Common.	

LACCOBIUS *Erich.*

HYDROBIUS *Steph.*

Cadzow Burn B.H. 1856.

Near Glasgow & Paisley. 1856

Moor near Dumbarton, 1856.

L. MINUTUS *Lin. Erich. Müll.* (not *Steph.*) Common.
chrysomelinus *Müll.*
coccinelloides *Schrk.*
marginellus *Herbst.*
bipunctatus *Fab. Marsh. Steph.*
var. striatulus *Fab. Steph.*
var. pallidus *De Castel.*
var. colon *Steph.*

PHILHYDRUS *Solier.*

HYDROBIUS *Steph.*

P. MELANOCEPHALUS *Oliv. Gyll. Steph. Muls.* Not common. Fifeshire; near Paisley.
ochropterus *Marsh. Steph.*
minutus *Payk.*
marginatus *Duft.*
dermestoides *Marsh.*
quadripunctatus *Herbst.*
bicolor *Fab.*
var. testaceus *Fab. Steph. Muls.* Dollar. Mr J. T. Syme.
torquatus *Marsh. Steph.*
grisescens *Sturm.*
fulvus *Marsh. Steph.*

P. MARGINELLUS *Fab. Steph.* Near Paisley, rare 1836 Mr. M. Young. Dollar. Mr J. T. Syme.
affinis *Payk. Gyll. Steph.*
var. minutus *Fab.*
margipallens *Marsh.*

CYLLIDIUM *Erich.*

CHAETARTHRIA *Water.*
CŒLOSTOMA *Brullé.*

C. SEMINULUM *Payk.* Among sphagnum, Berwickshire. Mr J. Hardy.
nigrinus (*Dermestes*) *Marsh.*
hemisphericus *Dej.*

CYCLONOTUM *Dej. Erich.*

CŒLOSTOMA *Brullé.*

C. ORBICULARE *Fab. Steph.* Scarce. West end of Duddingston Loch; near Paisley; Kilmun. 1836

SPHÆRIDIUM *Fab.*

S. SCARABÆOIDES *Lin. Steph.* Common. 1856.
quadrimaculatum *Schrank. Steph.*
bipustulatum *Herbst.* (not *Steph.*)

S. BIPUSTULATUM *Fab. Steph.* Not rare. 1856.
hæmorrhoum *Schrank.*
testudinarium *Fourc.*
marginatum *Scriba*, *Fab. Steph.*
scarabæoides *Laich.* (not *Lin. Steph.*)
semistriatum *De Cast.*
quadrimaculatum *Marsh.* (not *Schrank*, *Steph.*)
Daltoni *Kirby*, *Steph.*

CERCYON *Leach.*

C. OBSOLETUM *Gyll. Steph. Muls.* Occasional.
lugubre *Oliv. Marsh.* (not *Erich. Heer*, *Muls.*)
atomarium *Payk.*

C. HÆMORRHOIDALE *Fab. Steph.* Common.
Muls.
melanocephalum var. β *Illig.*
obsoletum *De Castel.*
piceum *Marsh. Steph.*
var. impressum *Sturm.* Rare. Near Edinburgh.
Steph.

C. HÆMORRHOUM *Gyll. Steph.* Near Edinburgh. Rare. A. Murray.
Muls.
hæmorrhoidale *Fab.*
melanocephalum var. β *Illig.*
xanthorrheum *Leach*, *Steph.*

C. LATERALE *Marsh. Steph.* Not uncommon.
Muls.

C. QUISQUILIUM *Lin. Steph.* ♂ Common. 1856.
Muls.
minimus? *Scop.*
xanthopterum *Laich.*
unipunctatum *Fab. Steph.* ♂
melanocephalus var. *Herbst.*
dispar *Payk.* ♂
var. flavum *Marsh. Steph.*

Glasgow; Ayrshire; 1856.

✗C. UNIPUNCTATUM *Lin. Muls.* Common. *1856.*
cordiger *Fuessly.*
dispar *Payk.* ♀
quisquilium *Steph.* ♀

C. CENTRIMACULATUM *Sturm. Erich. Muls.* Edinburgh; Dumfriesshire; Kinross-shire, &c.; common.
pygmæum *Gyll.* (not *Ill. Muls. Steph.*)
bimaculatum *Steph.*
ustulatum *Kirby. Steph.*
inustum *Marsh. Steph.*
nubilipenne *Steph.*

C. PYGMÆUM *Illig. Steph. Muls.* Not uncommon.
stercorator *Steph.*
ferrugineum *Herbst*, (not *Steph.*)
var. conspurcatum *Sturm*, *Steph.* Dumfriesshire. Rev. W. Little.
var. merdarium *Sturm.* (not *Steph.*) Roxburghshire. *Ent. Edin.*

✗C. LITTORALE *Gyll. Steph. Muls.* Under decaying rejectamenta on all the coasts. *1856*
ruficorne *Kirby*, *Steph.*
binotatum *Steph.*
dilatatum *Steph.*

C. FLAVIPES *Fab. Steph. Muls.* Common.
hæmorrhoidale *Sturm.*
melanocephalum *Gyll.*
suturale *Steph.*
femorale *Steph.*
picinum *Steph.*

✗C. MELANOCEPHALUM *Lin. Steph. Muls.* Common. *1856*

C. MINUTUM *Fab. Steph. Muls.* Near Edinburgh; Kinross-shire; Dumfriesshire, &c.
triste *Ill.* (not *Gyll.*)
lævigatum *Kirby*, *Steph.*
convexior *Marsh. Steph.*
convexius *Kirby*, *Steph.*
convexiusculum *Marsh. Steph.*

✗C. ANALE *Payk. Erich.* Near Edinburgh; Raehills; Aberdeenshire; Paisley; Berwickshire, &c. *1856*
terminatum *Marsh. Steph.*
flavipes *Thunberg.*
apicale *Steph.*
infuscatum *Steph.*
var. marginellum *Payk.*

MEGASTERNUM *Mulsant.*

CERCYON *Steph.*

✗M. BOLETOPHAGUM *Erich.* Common. 1856.
Muls. Steph.
acutum *Steph.*
immune *Kirby, Steph.*
stercorarium *Marsh. Steph.*
immaculatum *Kirby, Steph.*
laeve *Marsh. Steph.*
contaminatum *Kirby, Steph.?*
ferrugineum *Marsh. Steph.?*
concinnum *Marsh. Steph.?*
fuscescens *Steph.?*
immundum *Steph.?*

CRYPTOPLEURUM *Mulsant.*

CERCYON *Steph.*

✗C. ATOMARIUM *Fab. Steph.* Common. 1856.
crenatum *Panz. Steph.*
minutum *Payk.* (not *Steph.*)
merdarium *Steph.*
var. sordidum *Marsh.*
Steph.

FAMILY PARNIDÆ.

PARNUS *Fab.*

DRYOPS *Lat.*

✗P. PROLIFERICORNIS *Fab.* Not rare.
Panz. Steph.
auriculatus *Oliv.*
sericeus *Leach.*
niveus *Heer.*
var. impressus *Curtis.*
var. bicolor *Curtis.*

✗P. AURICULATUS *Ill. Panz. Lat.* Not rare.
Steph.

FAMILY ELMIDÆ.

ELMIS *Lat.*

✗ E. ÆNEUS *Steph. Müller.* Dumfriesshire; Dollar; Whitadder;
Megerlei *Duft.* Berwickshire.

Not uncommon in Brute 1856.

Occasional, Milford. 1856.

Streamlet near Hamilton. 1856

Clyde, Kelvin, &c. not uncommon. 1856.
Small stream near Cadzow Plentiful 1856

Clyde near Bothwell. 1856.
Clyde near Renfrew. 1856.
Colmis nigrans is supposed to be a var. of C. parallelopipeda

Hill stream near Paisley, Mr. Young. 1856.

A single specimen R. H. 1856.

Sometimes plentiful Kilpatrick Hills, Ayrshire 1856

Near Glasgow Dr. Colquhoun 1856.

Lanarkshire, Ayrshire &c. 1856.

E. VOLKMARI *Lat. Panz.* — Tweed; Teviot; Water-of-Leith; Cart; Devon, &c.

E. PARALLELOPIPEDUS *Ill.* (*Stenelmis*) *Steph.* — Devon, at Dead Waters. Not rare in southern counties.

E. CUPREUS *Steph. Müller.* — Water of Deryfe; Dumfriesshire; Berwickshire.

E. DARGELASII *Lat.* tuberculatus *Mull.* (not *Gyll.*) — Waters in south and middle of Scotland.

variabilis *Leach, Steph.*

E. LACUSTRIS *Spence, Steph.* — Banks of Teviot opposite Minto. Rather plentiful. Whitadder.

E. RUGOSUS *Bab.* — Whitadder and Blackadder, in Berwickshire.

E nitens Müll 1856

FAMILY HETEROCERIDÆ.

HETEROCERUS *Bosc. Fab.*

H. MARGINATUS *Fab.* — Marshy ground near the shore in Dalmeny Park; Berwickshire; near Cambuslang.

FAMILY SILPHIDÆ.

NECROPHORUS *Fab.*

N. HUMATOR *Fab. Steph.* — Common under carcases.

N. VESPILLO *Lin. Fab. Steph.* — Not very common.

N. VESTIGATOR, *Hersch. Steph.* sepultor *Gyll.* (not *Charp. Steph.*) — Common.

var. interruptus *Steph.* (not *Dej.*) — Occasional.

N. MORTUORUM *Fab. Steph.* — Not very common.

NECRODES *Wilkin.*

N. LITTORALIS, *Lin. Fab. Steph.* clavipes *Sulzer.* var. lividus *Fab.* simplicipes *Dej.* — Common under carcases.

SILPHA *Lin. Fab.*

OICEOPTOMA *Leach.*
PHOSPHUGA *Leach.*

S. THORACICA *Lin. Fab. Steph.*	Occasional
S. RUGOSA *Lin. Fab. Steph.*	Plentiful. 1856
S. SINUATA *Fab. Oliv. Steph.*	Rare. Dumfriesshire; and near Edinburgh; Flisk, in Fifeshire.
S. DISPAR *Herbst, Steph.*	Rare. Under rejectamenta, on shores of Lochleven.
S. OPACA *Lin. Fab. Steph.*	Not common. Kinross-shire; Edinburgh; Berwickshire; Aberdeenshire; Lanarkshire, &c.
S. QUADRIPUNCTATA, *Lin. Fab. Steph.*	Very rare. Near Edinburgh; Perthshire.
S. TRISTIS *Illig. Steph.*	Not common. Near Edinburgh.
S. OBSCURA *Lin. Fab. Steph.*	Not common, but generally distributed.
S. NIGRITA *Creutzer, Steph.*	Not rare.
(PHOSPHUGA *Leach.*)	
S. ATRATA *Lin. Fab. Steph.*	Common. 1856

SPHÆRITES *Duft.*

HISTER *Fab.*

S. GLABRATUS *Fab. Duft. Steph.*	Berwickshire. A single specimen. Mr Jas. Hardy.

CATOPS *Fab. Steph.*

CHOLEVA *Lat. Steph.*
PTOMAPHAGUS, *Ill. Steph.*
HYDROPHILUS *Fab.*

C. ANGUSTATUS *Fab. Steph.* (*Choleva Steph.*) agilis *Fab.* (not *Illig.*) elongatus *Payk.* rufescens *Illig.* (not *Fab.*) oblongus *Lat. Spence.* cisteloides *Froehl.*	Occasional.
C. FUSCUS *Panz. Steph.* sericeus *Payk. Spence.* rufescens *Fab.* (not *Ill.*)	Portobello; near Paisley; Berwickshire; Dumfriesshire. 1856
C. UMBRINUS *Erich.*	Paisley. 1856. Mr Morris Young.
C. NIGRICANS *Spence.* fornicatus *De Geer, Steph.* Soror *Newm. Steph.?*	Occasional.

Ayrshire; Dumbarton, &c. Not common. 1856.

Near Monkton Mr. Duncan 1856.

& Campsie. 1856.

Near Monkton. 1856.
Near Monkton. 1856.
Tollcross. 1856.

In Glasgow & neighbourhood; 1856.

Botanic Gardens, Glasgow R. H. 1856.

Mr. Murray in his recently published monograph of the genus says that L. picipes has not occurred. 1856.
Near Glasgow R. Mb. 1856.

Killermont, Kelvin Side. 1856.

Bank of Kelvin; not uncommon. 1856.

Cathcart 1856.

C. PICIPES *Fab.*
sericeus *Spence.*
Near Edinburgh. Kirkcudbright; Dumfriesshire. 1856.

C. GRANDICOLLIS *Erich.*
Dumfriesshire; Paisley. 1856

C. TRISTIS *Panz. Spence.*
clavicornis *Forst. Steph.*
Near Edinburgh; near Paisley. 1856
Carfin; Raehills; Berwickshire; Aberdeenshire.

C. LEACHII *Spence, Steph.*
Near Edinburgh. *Ent. Edin.*

C. SPENCII *Steph.* = *rotundicollis*
Raehills. Rev. W. Little. } 1856

C. CHRYSOMELOIDES *Panz. Lat.*
Near Edinburgh. Not common. East Lothian; Berwickshire.

C. ELONGATUS *Steph.*
Dumfriesshire. Rev. W. Little. 1856

C. FESTINANS *Spence, Steph.*
montivagus *Heer.?*
× rotundicollis *Kellner?*
Guillane Links, East Lothian; Dumfriesshire; Paisley, &c. 1856

C. FULIGINOSUS *Erich.*
Kirbii *Spence, Steph.*
Kinross-shire; Dumfriesshire; Edinburgh.

C. FUMATUS *Spence, Erich. Steph.*
agilis *Fab.*
nigricollis *Sturm.*
Watsoni *Spence, Steph.*
Frater *Newm. Steph.?*
Dumfriesshire, and near Edinburgh; Berwickshire; near Paisley; 1856.
Aberdeenshire; Dollar, &c.

C. VELOX *Spence, Erich. Steph.*
Wilkinii *Spence, Steph.* = *praeustus*
nubifer *Newm. Steph.*
Near Edinburgh; Dumfriesshire; Renfrewshire; Berwickshire. 1856

C. SERICEUS *Fab. Panz.*
(not *Payk.* nor *Spence.*)
truncatus *Illig. Steph.*
villosus *Lat. Spence.*
picipes *Kugellan.*
Common. 1856

C. PRÆCOX *Erich.*
Dumfriesshire. Rev. W. Little.

C. ANISOTOMOIDES, *Spence, Steph.*
Not common. Berwickshire; near Edinburgh, &c.

C. DAVISII *Steph.*
Castle Campbell, near Dollar; Nenthorn.

COLON *Herbst.*

MYLAECHUS *Lat. Steph.*

CATOPS, *Sahlb. Gyll.*

C. CLAVIGER *Herbst.*
Dumfriesshire. Rev. W. Little.

C. DENTIPES *Sahlb.*
Near Edinburgh; Dumfriesshire.

C. BRUNNEUS *Spence, Lat.*
Near Edinburgh; Berwickshire; in moss near Paisley. 1856.

C. FUSCULUS *Erich.*
Dumfriesshire. Rev. W. Little.

LEPTINUS *Müller.*

† X L. TESTACEUS *Müller, Hardy.* Near Paisley. 1856 Mr Morris Young.

FAMILY PTILIDÆ.

TRICHOPTERYX *Kirby, Steph.*

X T. FASCICULARIS *Herbst.* — In putrid fungi, &c.
atomaria *Steph.* (not *De Geer.*)
minutissima *Marsh.*
lata *Motsch.*
grandicollis *Erich.* (not *Mark.*)

T. DEPRESSA *Sturm.* — On wall-tops near Edinburgh. A. Murray.
sericans *Heer.*
volans *Motsch.*
acuminata *Motsch.*
bovina *Motsch.*

PTILIUM *Schüp. Erich.*

TRICHOPTERYX *Heer. Alib. Steph.*

P. KUNZEI *Heer.* — Wall-top, Slateford; Barnton.
nana *Steph.*
longicorne *Markel,* (not *Motsch.*)

P. MINIMUM *Herbst. Steph.* — Near Edinburgh; Dalmeny, &c.
foveolatum *Allibert.*
excavatum *Mark.*
limbatum *Motsch.* (not *Heer.*)
Gallicum *Motsch.*

PTENIDIUM *Erichson.*

ANISARTHRIA *Steph.*

TRICHOPTERYX *Heer. Allib. Gillm.*

P. PUSILLUM *Gyll.* (*Scaphidium, Gyll.*) *Steph.* — Cramond. Roslin. *Ent. Edin.*
nitidum *Heer,* (not *Steph.*)
quadrifoveolatum *Allib.*

This species had been taken previously in the south of England by Mr Janson. 1856.

Not uncommon 1856.

Hamilton. 1856.

P. PERPUSILLUM *Marsh. Steph.* — Raehills; Girrick, Nenthorn.
melas *Marsh. Steph.*
nitidum *Steph.*

P. NITIDULUM *Marsh. Steph.* — Cramond. — Rev. W. Little.

FAMILY ANISOTOMIDÆ.

HYDNOBIUS *Schmidt.*
ANISOTOMA *Sturm.*
LEIODES *Steph.*

H. PUNCTATISSIMUS *Steph.* — Dalmeny Park. — Mr R. N. Greville.

ANISOTOMA *Knoch.*
Schmidt.
TETRATOMA *Panzer.*
LEIODES *Steph.*

A. CINNAMOMEA *Panz. Steph.* — Vicar's Bridge, Dollar. — Mr J. T. Syme.

X A. PICEA *Illig. Steph.* — Near Edinburgh; Paisley. 1836
consobrina *Sahl.*

A. OBESA *Schmidt.* — Near Musselburgh. — *Ent. Edin.*
var. b. picea *Gyll.*
armata *Payk. Steph.*

X A. DUBIA *Illig.* — Dalmeny Park, Cramond; Berwickshire; Kinross-shire.
Var. rufipenne *Payk. Steph.*

A. FERRUGINEA *Gyll. Steph.* — Near Edinburgh; Dumfriesshire; Kinross-shire.
arenaria *Rudd. Steph.*
suturalis *Steph.*
testacea *Steph.*

A. OVALIS *Schmidt.* — Dumfriesshire; Kinross-shire.
Marshami *Steph.*

A. CALCARATA *Schm.* — Near Edinburgh; Dumfriesshire.
thoracica *Steph.*
Dillwynii *Steph.*

A. LITURA *Steph.* — Dumfriesshire; Edinburgh. — Rev. W. Little.

A. PALLENS *Sturm.* — Cramond. — Rev. W. Little.

A. BADIA *Sturm. Steph.* — Cramond. — Rev. W. Little.
(not *Schmidt.*)
laevicollis *Sahl.*

A. PARVULA *Sahl.* — Dalmeny Park; Berwickshire; Girrick, Nenthorn.
brunnea *Gyll. Steph.*
Gyllenhalii *Steph.*
Badia *Schmidt*, (not *Sturm.*)

A. MULTISTRIATA *Gyll. Steph.* — Dalmeny Park. Mr R. N. Greville.

A. CASTANEA *Illig. Steph.* (not *Kug.*) — Roslin. Cramond. *Ent. Edin.*

A. MARITIMA *Rudd. Steph.* — Joppa, near Edinburgh; Cramond. Mr J. T. Syme. Rev. W. Little.

A. POLITA *Mar. Steph.* castanea *Mar.* (not *Kug.* nor *Steph.*) — Dumfriesshire; near Edinburgh; Kinross-shire.

A. NIGRICOLLIS *Steph.* — Cramond. Rev. W. Little.

COLENIS *Erich.*

ANISOTOMA *Schmidt.*

LEIODES *Steph.*

C. DENTIPES *Gyll.* aciculata *Steph.* immundum (*Sphaeridium*) *Sturm.* — Rare. Cramond; Dalmeny; Berwickshire; Hamilton; Paisley. 1856

LIODES *Erich.*

ANISOTOMA *Knoch. Dej.*

LEIODES *Lat. Steph.*

L. HUMERALIS *Kug. Steph.* — In fungi. Edinburgh; Dollar; Paisley; Berwickshire; Aberdeenshire, &c. 1856

AMPHICYLLIS *Erich.*

AGATHIDIUM *Sturm. Steph.*

A. GLOBUS *Fab. Steph.* ruficollis *Oliv.* var. staphylaeum *Gyll.* ferrugineum *Sturm. Steph.* — Kelvin Bank; Cramond; Musselburgh. 1856

AGATHIDIUM *Ill.*

A. NIGRIPENNE *Kug. Panz.* ruficolle *Marsh. Steph.* — Scarce near Edinburgh. Local, but plentiful, near Paisley. 1856

A. ATRUM *Steph.* (*Sphaeridium*) *Payk.* rufipes *Steph.* — Scarce near Edinburgh. Berwickshire and East Lothian. Not rare near Paisley. 1856

A. SEMINULUM *Lin. Gyll. Steph.* globosum *Illig.* — Berwickshire and Aberdeenshire. Mr Jas. Hardy.

A. LAEVIGATUM *Erich.* — Wall-tops, in autumn. Cramond.

Hamilton, 1856.

A. NIGRINUM *Sturm. Steph.* Dalmeny Park; Cramond.
orbiculare *Steph.*

XA. PUNCTULUM *Beck.* Corstorphine Hill. Common near
nanum *Steph.* Paisley. *1856*

A. MINUTUM *Sturm. Steph.* Berwickshire. Mr James Hardy.

A. CARBONARIUM *Sturm. Steph.* Raehills. Rev. W. Little.

CLAMBUS *Fischer.*

C. ENSHAMENSIS *West. Steph.* Raehills; near Edinburgh; Berwickshire.

C. ARMADILLUS *De Geer, Steph.* Girrick, Nenthorn. Mr Hislop.
cephalotes *Dej.*
convexus *Marsh.*

XC. NIGRICLAVIS *Rudd. Steph.* Kelvin, in moss. *1856* Mr Hislop.

FAMILY PHALACRIDÆ.

PHALACRUS *Payk.*

Ph. CORRUSCUS *Panz. Steph.* Dumfriesshire. Under bark, near
fimetarius *Fab.* Berwick.
ater *Panz.* Rev. W. Little. C. C. Babington.

Ph. SUBSTRIATUS *Gyll. Steph.* Girrick, Berwickshire. Mr R. Hislop.
Mille-folii *Steph.* (not *Payk. Gyll.*)
trichopus *Waltl.*
punctato-striatus *Waltl.*

PH. CARICIS *Sturm. Steph.* Dumfriesshire. Rev. W. Little.
Mille-folii *Gyll. Ill.*
punctulatus *Dej.*

OLIBRUS *Erich.*

PHALACRUS *Payk. Steph.*

O. CORTICALIS *Schön. Steph.* "Ravelstone Wood; under the bark
stercoreus *Fab.* of firs in winter." Kinross-shire.
Dr Leach. *Ent. Edin.* A. Murray.

O. BICOLOR *Fab. Steph.*
var. flavicornis *Sturm. Steph.* Dumfriesshire. Rev. W. Little.

O. ÆNEUS *Illiger*, *Fab. Steph.* Generally distributed.
ovatus *Marsh. Steph.*
cognatus *Steph.*

O. PICEUS (*Knoch*) *Steph.* Dumfriesshire. Rev. W. Little.

FAMILY NITIDULIDÆ.

CERCUS *Lat. Erich.*

CATERETES *Heer. Steph.*

C. PEDICULARIUS *Lin. Fab. Steph.* Berwickshire and East Lothian. Mr James Hardy.
truncatus *Fab.*
Spireæ (*Anisocerus*) *Howitt*, *Steph.*

C. BIPUSTULATUS, *Payk. Steph.* Occasional.

BRACHYPTERUS *Kug.*

CATERETES *Steph.*

✗B. URTICÆ *Fab. Steph.* Very common. 1856

CARPOPHILUS *Leach*, *Steph.*

C. HEMIPTERUS *Lin.* Edinburgh—a single specimen; (introduced from abroad.) A. Murray.
flexuosus *Payk. Steph.*
bimaculatus *Oliv.*
cadaverinus *Fab.*
Ficus *Fab.*

C. QUADRISIGNATUS *Erich.* Edinburgh—in a box of figs from Smyrna; (likewise introduced.) Dr Lowe.

EPURÆA *Erich.*

NITIDULA *Fab. Steph.*

✗E. AESTIVA *Lin. Steph.* (not *Ill.*) Common near Edinburgh; East Lothian; Aberdeenshire.
depressa *Gyll.* (not *Lin.*)
obsoleta *Herbst*, *Steph.*
villosa *Thun. Steph.*
ochracea *Erich.*

✗E. OBSOLETA, *Fab. Steph.* Linlithgow; Edinburgh; Paisley. 1856

Not uncommon in flowers. 1856.

Glasgow 1852.

Under bark near Maryhill. 1856.

Ayrshire. 1856.

E. PUSILLA *Illig. Steph.* — In woods near Kirriemuir, Forfarshire; Berwickshire; East Lothian; Aberdeenshire.

E. OBLONGA, *Herbst, Steph.* — On flowers. Occasional. Edinburgh; Dollar, &c.

E. VARIEGATA *Herbst, Gyll.*
impressa *Kirby, Steph.* — Near Edinburgh — on plants, and under bark of trees; Berwickshire.

E. MELANOCEPHALA, *Marsh. Steph.*
truncata, *Kirby, Steph.*
discolor *Wall.*
ferruginea *Heer.*
var. brunnea, *Heer.*
var. affinis *Mar. Steph.* — Dollar. — Mr J. T. Syme.

E. DECEMGUTTATA *Fab. Steph.* — Rare. Cramond. — *Ent. Edin.*

NITIDULA, *Fab. Steph.*

N. BIPUSTULATA *Lin. Steph.* — Generally distributed, but in no great numbers.

SORONIA *Erich.*

NITIDULA, *Fab. Heer. Steph.*

S. PUNCTATISSIMA *Ill. Steph.* — Hawick and Jedburgh. — *Ent. Edin.*

S. GRISEA *Lin. Steph.* — Scarce. Near Edinburgh, Dollar, &c.
var. varia *Fab.*
variegata *Oliv.*

OMOSITA *Erich.*

NITIDULA *Fab. Heer, Steph.*

O. DEPRESSA *Lin. Steph.* — On decaying animal matter. Fifeshire. — A. Murray.
sordida *Fab.*
Colon *Herbst,* (not *Lin.*)
varia *Oliv.*
immaculata *Oliv.*

O. COLON *Lin. Steph.* — Not rare—on bones, &c.
hæmorrhoidalis *Fab.*

O. DISCOIDEA *Fab. Steph.* — Not rare—on bones, &c.

MELIGETHES *Kirby, Erich. Steph.*

NITIDULA *Fab. Dej.*

M. RUFIPES *Gyll. Steph.* — Occasional.
flavimanus *Kirby, Steph.*

M. ÆNEUS *Fab. Erich. Steph.* Common. *1856*
psyllius *Herbst.*
Urticæ *Sam. Steph.*
subtilis *Waltl.*
alpestris *Heer.*
var. cœruleus *Herbst, Steph.*
var. olivaceus *Gyll.*

M. VIRIDESCENS *Fab. Steph.* Very common. *1856*
æneus var. γ *Schön.*

M. PEDICULARIUS *Gyll. Steph.* Plentiful. *1856*

M. XANTHOCERAS *Steph.* In flowers. Cramond. Rev. W. Little.

M. NIGRINUS *Marsh.* Raehills. Dumfriesshire.
æthiops *Lat.* Rev. W. Little.

THALYCRA *Erich.*

STRONGYLUS *Erich. Dej. Steph.*

T. SERICEA *Sturm. Erich.* Near Annan. *Ent. Edin.*
fervida *Gyll. Steph.*

POCADIUS *Erich.*

STRONGYLUS *Herbst, Dej. Steph.*

CYCHRAMUS *Heer.*

P. FERRUGINEUS *Fab. Steph.* In fungi; rare; near Edinburgh; Coldstream, Berwickshire.
æstivus *Herbst.*
striatus *Oliv.*

CYCHRAMUS *Kugelann, Erich.*

STRONGYLUS *Herbst, Dej.*
CAMPTA *Kirby, Steph.*

C. LUTEUS *Fab. Steph.* Dumfriesshire, Ayrshire, and South of Scotland. *1856*

IPS *Fab. Steph.*

I. QUADRIGUTTATA *Fab.* ~~Very rare. Near Paisley.~~ ~~Mr M. Young.~~

I. QUADRIPUNCTATA *Herbst, Oliv. Steph.* Under bark. Dumfriesshire, Berwickshire, Kirriemuir, Forfarshire, Glasgow, &c. More readily found among sawn wood. *1856*

Near Monckton, Mr. Duncan 1856

Hamilton 1856

Entered by mistake 1856

Inverary not rare. 1856.

Under bark of Scotch firs, occasional. 1856.
Under bark of most kinds of decaying trees. 1856.

Near Mobkton Mr. Duncan. 1856

Mobkton Ayrshire Mr. Duncan, 1856

X I. QUADRIPUSTULATA *Lin. Steph.*
quadripustulata *De Geer.*
Found throughout the year under bark of decayed fir-trees at Raehills in Dumfriesshire; Renfrewshire; Berwickshire. 1856

X I. FERRUGINEA *Lin. Steph.* (*Pitiophagus Schuk.*)
dermestoides *Panz.*
linearis *Lat.*
Under bark. Forfarshire; Dumfriesshire; Berwickshire, &c.

RHIZOPHAGUS *Herbst, Gyll. Steph.*

LYCTUS *Fab. Payk.*
SYNCHITA *Duft.*

R. DEPRESSUS *Fab.*
Berwickshire, and Aberdeenshire. Mr Hardy.

X R. FERRUGINEUS *Payk. Steph.*
Not common.

X R. DISPAR *Payk. Steph.*
elongatus *Oliv.*
bipustulatus var. β *Duft.*
Commonest of the genus.

X R. BIPUSTULATUS *Fab. Steph.*
dispar var. *b. Payk.*
c. Gyll.
bipunctatus *Herbst.*
Not uncommon. 1856

R. CYLINDRICUS *Steph.*
Berwickshire and Aberdeenshire. Mr Hardy.

TROGOSITA *Oliv. Steph.*

X T. MAURITANICA *Lin. Oliv.*
caraboides *Fab.*
A single specimen taken in the town of Edinburgh. A. Murray.

FAMILY COLYDIIDÆ.

SARROTRIUM *Ill. Steph.*

ORTHOCERUS *Lat.*

X S. CLAVICORNE *Lin.*
muticum *Lin. Fab. Steph.*
hirticornis *De Geer.*
Dalmeny. A single specimen. Rev. W. Little.

DITOMA *Illiger.*

BITOMA *Herbst, Steph.*
SYNCHITA *Duft.*

D. CRENATA *Fab. Steph.* — Duddingston and south of Scotland. *Ent. Edin.*
var. rufipennis *Fab.*
picipes *Oliv.*

FAMILY CRYPTOPHAGIDÆ.

SYLVANUS *Lat. Gyll. Steph.*

LYCTUS *Fab.*

S. FRUMENTARIUS *Fab.* — In Edinburgh. Imported with sugar from abroad. A. Murray.
sexdentatus *Fab.*
Surinamensis *Lin. Steph.*

S. BIDENTATUS *Fab. Duft.* — Common; likewise imported.
sulcatus *Fab.*
dentatus *Marsh. Steph.*

TELMATOPHILUS *Heer.*

CRYPTOPHAGUS *Gyll. Steph.*
LIMNESIUS *Dej.*
TYPHÆA *Kirby.*

T. TYPHÆ *Fallen, Heer, Steph.* — Near Dunse, and Simprim, Berwickshire.

T. CARICIS *Oliv. Steph.* — Dollar. Lochend, near Edinburgh. Mr J. T. Syme. A. Murray.

ANTHEROPHAGUS *Kusch.* *Lat. Steph.*

A. SILACEUS *Herbst, Steph.* (not *Gyll.*) — Rare. Fifeshire. A. Murray.

A. PALLENS *Gyll. Steph.* — Scarce. Edinburgh, Dumfriesshire, Dollar, Berwickshire.

CRYPTOPHAGUS *Herbst,* *Lat. Steph.*

C. LYCOPERDI *Fab. Steph.* — Not uncommon.
Fungorum *Panz. Sturm.*

C. SCANICUS *Lin.* — Common. 1856
cellaris *Fab. Payk. Steph.* (not *Scopoli.*)
humeralis *Steph.*
denticulatus *Marsh.*
var. cellaris *Sturm.*
patruelis *Sturm.*

} occasionally floating in Tea cup. 1856.

Monkton Ayrshire (Mr. Duncum.

For nests of Bombus feeding on stored Pollen: Dumbarton at root of Atriplex. 1856

Blantyre. 1856.

Kilpatrick Hills. 1856.
According to Mr. Wollaston, A. atra of Herbs
is very rare in Britain. 1856.

In Glasgow. 1856.
The A. rufa, atricapilla & nigiceps of this List
are all one species according to Mr. Wollaston
& should be named atricapilla 1856.
Near Paisley, 1856.

C. FUMATUS *Gyll. Steph.*	Occasional.
C. BITUBERCULATUS *Kirby, Steph.*	Jedburgh, and also in Argyllshire. *Ent. Edin.* 1856
PARAMECOSOMA *Curt. Erich. Steph.*	
P. ABIETIS *Payk. Gyll.* Ulicis (*Cryptophagus*) *Kirby, Steph.*	Common.
P. MELANOCEPHALA *Herbst.* fungorum *Gyll.* bicolor *Curtis, Steph.*	Cramond Park. Very rare. Near Paisley. Rev. W. Little. Mr M. Young. 1856
ATOMARIA *Kirby, Heer, Steph.*	
A. NIGRIPENNIS *Payk. Gyll. Steph.* ruficollis *Panz.*	Cramond and Dalmeny woods.
A. MESOMELAS *Herbst. Erich. Steph.* phœorrhea *Marsh.* globula *Gyll.* dimidiata *Marsh. Steph.* var. guttula *Manner.*	Among the roots of grass. Not common. *Ent. Edin.* Near Dunse Castle & Gifford R. 1858
A. ATRA *Herbst. Gyll.* fimetaria *Payk.* nitidula *Marsh.* carbonaria *Kirby, Steph.*	Common.
A. UMBRINA *Gyll.* fuscata *Heer.* nigriventris *Kirby, Steph.*	Near Edinburgh. Dalmeny; Ravelstone; Paisley; Berwickshire; Dumfriesshire, &c. 1856
A. TERMINATA *Heer, Er.*	Salisbury Craigs. A. Murray.
A. LINEARIS *Steph.* pygmæa *Heer.* Dumetorum *Dej.*	Raehills. Rev. W. Little.
A. RUFA *Chevrier.* basella *Kirby, Steph.*	Common.
A. ATRICAPILLA *Kirby, Steph.*	Berwickshire. Mr Hardy.
A. NIGRICEPS *Erich.*	Dumfriesshire. Rev. W. Little.
A. PUSILLA *Payk. Gyll.* phæogaster *Marsh. Steph.* thoracica *Steph.* ruficornis *Marsh. Steph.?*	Raehills; Nenthorn.

A. elongata Erich "Renfrewshire Mr Young" J. V. W. 1856
A. pellata Kraatz Near Paisley Mr Young" J. V. W. 1856

A. FUSCIPES *Gyll. Sturm. Steph.* Berwickshire; Dumfriesshire.
concolor *Minkel.*

A. TURGIDA *Erich.* (*versicolor*) Paisley. *1856* Mr M. Young.

EPHISTEMUS *West. Steph.*

E. GLOBULUS *Payk.* (not *Heer.*) Occasional near Edinburgh. Bergyrinoides *Marsh. Steph.* wickshire; Aberdeenshire.
nigriclavis *Steph.*
nitens (*Phalacrus*) *Marsh. Steph.*
piceorrhæus (*Phalacrus*) *Marsh. Steph.*
pulchellus (*Phalacrus*) *Marsh. Steph.*

E. DIMIDIATUS (*Phalacrus*) *Sturm.* Dumfriesshire. Rev. W. Little.
confinis *Steph.*
globulum *Heer.*

MYCETÆA *Kirby, Steph.*

M. SUBTERRANEA *Fab.* Near Edinburgh. Raehills; Blairlodge, near Falkirk. Rare. Berwickshire.
fumata *Marsh. Steph.*
hirta *Marsh. Steph.*

TETRATOMA *Fab. Steph.*

T. FUNGORUM *Fab. Steph.* "Jedburgh." *Ent. Edin.*
bicolor *Marsh.*

T. ANCORA *Fab. Steph.* Rare. Cramond; Girrick, Nenthorn; Paisley. *18C*

FAMILY LATHRIDIIDÆ.

MONOTOMA *Herbst. Lat. Steph.*

M. PICIPES *Herbst. Steph.* Hot-beds. Common.

M. QUADRICOLLIS *Aubé.* Near Slateford. Near Glasgow.
angustata *Marsh. Steph.* A. Murray. Mr R. Hislop.
picipes *Gyll.* var. *b.*
bicolor *Villa, Dej.*
pallida *Steph.*

LATHRIDIUS *Herbst. Illig. Steph.*

This insect is said by Mr. Wollaston who had examined the specimen to be versicolor Erich. 1856
Maryhill 1856.

Near Douglas Castle Mr. Wollaston. 1856

on Maryhill road with pilipes not rare. 1856.

L. LARDARIUS *De Geer, Steph.* — Near Edinburgh; Dollar, &c. *1856*
acuminatus *Kugelan.*
quadratus *Herbst.*
rugicollis *Marsh.*

L. ELONGATUS *Curtis.* — Devouring an old Greek author—in Paisley. *1856* Mr M. Young.
angustatus *Steph.*

L. TRANSVERSUS *Oliv. Steph.* — Wall tops. Common. *1856*
sculptilis *Hum. Gyll.*
transversalis *Dej.*
asperatus *Meg.*
crassicornis *Kirby.*

L. PORCATUS *Herbst, Steph.* — Wall tops; in houses; on bark, &c. *1856*
marginatus *Payk.*
pullus *Marsh.*
var. ferrugineus *Marsh.*

L. NODIFER *Westw.* — Dalmeny Park. Mr R. N. Greville.
testaceus *Waterh. Steph.*

CORTICARIA *Marsh. Steph.*

C. PUBESCENS *Ill. Steph.* — Old walls, outhouses, &c.
fenestralis *Fab.* (not *Lin.*)
longicornis *Herbst.*
punctulata *Marsh.*
var. castaneipes *Meg.*

C. CRENULATA *Schüpp. Steph.* — More scarce. Sea-coast, Berwicksh.

C. FERRUGINEA *Marsh. Steph.* — At the roots of grass in shady places; Edinburgh, Dollar, &c.
fenestralis *Lin.* (not *Fab.*)

C. ELONGATA *Schüpp. Steph.* — Dalmeny Park; Kinross-shire.

C. GIBBOSA *Herbst, Gyll. Steph.* — Wall tops. Common. *1856*
minuta *Fab.*
impressa *Marsh.*

C. TRANSVERSALIS *Schüpp. Steph.* — Raehills, Dumfriesshire; Berwickshire.

FAMILY DERMESTIDÆ.

BYTURUS *Lat.*

B. TOMENTOSUS *Fab. Steph.* — Common. *1856*

DERMESTES *Lin.*

D. MURINUS *Lin. Steph.* — Near Edinburgh. Scarce.
nebulosus *De Geer.*
catta *Panz.*
roseiventris (*Peir.*)

D. LARDARIUS *Lin. Steph.* — Near Edinburgh. Berwickshire. Occasional.

ATTAGENUS *Lat.*

A. TRIFASCIATUS *Fab. Steph.* — Taken by Dr Leach near Edinburgh. *Steph. Illust.*

A. PELLIO *Lin. Steph.* — Occasional, near Edinburgh.
bipunctatus *De Geer.*
cylindricornis *Schrank.* ♂
Schrankii *Kugelan.*
ater *Herbst.*
marcellarius *Fab.* ♀

ANTHRENUS *Geoff.*

A. SCROPHULARIÆ *Lin. Steph.* — Very rare. Near Edinburgh. *Ent. Edin.*
var. Histrio *Fab.*
Verbasci *Herbst*, (not *Oliv.* nor *Fab.*)

A. VARIUS *Fab.* (not *Steph.*) — Dalmeny Park; Girrick; near Coldstream.
Verbasci *Oliv. Steph.*
tricolor *Herbst.*
pictus *Meg.*
Scrophulariæ *Sum.*

A. MUSÆORUM *Lin. Steph.* — Jedburgh. Rev. W. Little.
Verbasci *Fab.*
fuscus *Oliv.*
obscurus *Schön.*
varius *Steph.* (not *Fab.*)

FAMILY GEORYSSIDÆ.

GEORYSSUS *Lat.*

G. PYGMÆUS *Fab. Steph.* — River Annan, near Moffat. *Ent. Edin.*
dubius *Panz.*
crenulatus *Rossi.*

Not uncommon, 1856.

Benlomond, 1858.

Frequently undergoes transformations amongst Sphagnum, 1856.

FAMILY BYRRHIDÆ.

ASPIDIPHORUS *Lat.*

A. ORBICULATUS *Gyll. Steph.* — In moss, Berwickshire; Kirkpatrick Juxta, Dumfriesshire.
Viennensis *Zeig.*

SIMPLOCARIA *Marsh.*

S. SEMISTRIATA *Fab. Steph.* — Occasional.
picipes *Oliv. Steph.*

BYRRHUS *Lin.*

B. PILULA *Lin. Steph.* — Occasional. On the summits of high hills; Edinburgh; Kinross-shire; Forfarshire; Sutherland, &c.

B. FASCIATUS *Lin. Fab. Steph.* (not *Herbst.*) — Musselburgh; Fife; Berwickshire, on heaths; Sutherland, &c.

B. DORSALIS *Fab. Steph.* (not *Panz.*) — Near Edin.; Forfarsh.; Grampians.

CYTILLUS *Erich.*

BYRRHUS *Fab. Steph.*

C. VARIUS *Fab.* — Not scarce.
maculatus *Herbst.*
sericeus *Steph.*
bicolor *Marsh.*
pilula *De Geer.*

MORYCHUS *Erich.*

BYRRHUS *Fab. Steph.*

M. ÆNEUS *Fab. Steph.* — Very scarce near Edinburgh. Dumfriesshire; more plentiful in Argyllshire and Ayrshire; and abundant on the sandy links of Aberdeen; also found at St Kilda. 1856

FAMILY THROSCIDÆ.

THROSCUS *Lat. Steph.*

ELATER *Lin. Oliv.*
TRIXAGUS *Kugel.*

T. DERMESTOIDES *Lin. Steph.* Pentlands. Paisley and Glasgow. 1856
clavicornis *Oliv.*
adstrictor *Fab.*

FAMILY HISTRIDÆ.

HISTER *Lin.*

H. UNICOLOR *Lin. Steph.* Occasional.

H. CADAVERINUS *Ent: Heft. Steph.* Not scarce.
brunneus *Illig.*
impressus *Fab.*

H. NEGLECTUS *Germ. Steph.* Near Edinburgh; Queensferry, Fife, Forfarshire.

H. CARBONARIUS *Ent: Heft. Steph.* Occasional.
striatus *Illig.*

H. PURPURASCENS *Payk. Steph.* Occasional.

H. BIMACULATUS *Lin. Steph.* Portobello; Queensferry; Glasgow. 1856

H. DUODECIMSTRIATUS *Payk. Steph.* Raehills. Rev. W. Little.

H. LITORALIS *Hardy MS.*

DENDROPHILUS *Leach, Erich. Steph.*
HISTER *Lin.*

D. PUNCTATUS *Payk. Steph.* Under bark of trees at Cramond.

SAPRINUS *Erich. Steph.*
HISTER *Payk.*

S. ROTUNDATUS *Ill. Steph.* Cramond; Edinburgh and Glasgow. 1856
conjugatus *Ill.* Not common.

S. ÆNEUS *Fab. Steph.* Common in cow-dung in summer months.

S. MARITIMUS *Kirby, Steph.* Under carcasses on shores of Firth of Forth.

S. NITIDULUS *Fab. Steph.* Edinburgh, Dumfries, Kinross shires, &c. Common.
acuminatus *Fab.*
semistriatus *Ent: Heft.*

S. 4-striatus near Monkton Mr Duncan 1856

ONTHOPHILUS *Leach, Erich. Steph.*

Not uncommon. 1856.

Glasgow; Ayrshire. 1856.
Near Glasgow. 1856.

Ayrshire. 1856.
Tollcross, Near Monkton Not Common.
—at Kelvinside R.H. as Rare. 1856.

Monkton Mr. Duncan. For description, See
M. S. Appendix 1856.

Near Rutherglen. Dr. Colquhoun 1856.

around Glasgow 1856

Near Glasgow, Dumbarton &c. in 1856.

Kilpatrick Hills &c. 1856.

Ayrshire rare, Holy Island, Arran 1856.

✗O. STRIATUS *Fab. Steph.* sulcatus *Oliv.* (not *Fab.*)	Occasional.	
ABRÆUS *Leach, Lat. Steph.*		
A. GLOBOSUS *Ent: Heft. Steph.*	Near Edinburgh.	Near Peterhead.
A. NIGRICORNIS *Ent: Heft. Payk.* minutus *Fab. Steph.*	Raehills.	Rev. W. Little.

FAMILY SCARABÆIDÆ.

DIVISION LUCANIDÆ. *M'Leay.*

PLATYCERUS *Geoff. Lat. Steph.*
LUCANUS *Lin.*
CERUCHUS *M'L.*

P. CARABOIDES *Lin. Steph.*	Aberdeenshire.	*Ent. Edin.*

SINODENDRON *Fab.*

S. CYLINDRICUM *Lin. Steph.*	Black Forest, Perthshire.	Dr Nelson.

DIVISION GEOTRUPIDÆ.

GEOTRUPES *Lat.*

✗G. STERCORARIUS *Lin. Steph.* ♂spiniger *Marsh.*	Common throughout Scotland.	*1836*
G. MUTATOR *Marsh. Steph.* stercorarius *Herbst.* politus *Malin.*	Galloway.	Mr J. T. Syme.
G. PUNCTATOSTRIATUS *Kirby, Steph.*	Dollar and Aberdeensh.	Mr J. T. Syme.
✗G. SYLVATICUS *Panz. Steph.* stercorosus (*Hart.*) *Scriba.*	Not uncommon.	*1836*
✗G. VERNALIS *Lin. Steph.* lævis *Curt. Steph.*	Cheviots; Benlomond; Sutherlandshire.	*1836*

CERATOPHYUS *Fisch.*
GEOTRUTES *Lat. Dej.*
TYPHÆUS *Leach, Steph.*

C. TYPHÆUS *Lin.* vulgaris *Leach*, *Steph.*	Forfarshire.	Misses Lyell. *Ent. Edin.*

DIVISION COPRIDÆ.

ONTHOPHAGUS *Lat.*

O. OVATUS *Lin. Steph.* ♂ var. fucatus *Muls.*	Plentiful in sheep's dung on south side of Arthur Seat. Dollar.	
O. nuchicornis	See Appendix 1886.	

DIVISION APHODIIDÆ.

COLOBOPTERUS *Muls.*

APHODIUS *Ill. Steph.*

C. ERRATICUS *Lin. Steph.*	Seaton, near Dunbar; Berwickshire.	

OTOPHORUS *Muls.*

APHODIUS *Ill. Steph.*

O. HÆMORRHOIDALIS *Lin. Steph.* alpinus *Scopoli.* granarius *Fab.*	Fields near Colinton, and irrigated meadows at Restalrig.	*Ent. Edin.*

TEUCHESTES *Muls.*

APHODIUS *Ill. Steph.*

T. FOSSOR *Lin. Steph.*	Common. 1886	

APHODIUS *Ill. Steph.*

A. SCYBALARIUS *Fab. Steph.* conflagratus *Herbst.* conspurcatus *Müller.* coprinus *Marsh.*	Near Edinburgh, Fife, &c. Not very common.	
A. RUFIMANUS *Steph.*	Argyllshire, 1886	Rev. W. Little.
A. FIMETARIUS *Lin. Steph.*	Common. 1886	
A. LAPPONUM *Schön. Gyll.* Rhenonum *Zett.* subalpinus *Hardy.*	Forfarshire; Perthshire; Berwickshire; hills near Moffat.	
A. ATER *De Geer*, *Ill. Muls.* terrestris *Fab. Steph.* obscurus *Marsh.* var. A. terrenus *Muls.* (not *Kirby*, *Steph.*)	Common. 1886	
A. TERRENUS *Kirby*, *Steph.* pusillus *Marsh.*	Fifeshire.	A. Murray.

Near Monkton rare. Mrs Duncan 1856.

Near Monkton Mrs Duncan, 1856.
Near Monkton Mrs Duncan, 1856.

Tollcross. 1886.

Glasgow Jr 1886.

A. QUADRIMACULATUS *Lin. Steph.* — Pentlands. — Mr R. Logan.
quadripustulatus *Fab.*
sanguinolentus *Panz.*

A. ULIGINOSUS *Hardy.* — Berwickshire; Grampians in Forfarshire.

A. PUSILLUS *Herbst, Schön. Steph.* — Musselburgh. — Mr J. Howden.
granarius *Fab. Illig. Steph.*
granum *Gyll. Steph.*

A. SORDIDUS *Fab. Ill. Steph.* — Not common. Near Edinburgh; Fife.

var. rufescens *Fab. Muls.* — Common in Berwickshire; and near Dunbar, in East Lothian.

× A. MERDARIUS *Fab. Steph.* — Common. 1856
quisquilius *Schrank.*

A. MELANOPUS *Kirby, Steph.* — Not common.

A. MELANOSTICTUS (*Schüp*) *Schmidt.* — Near Edinburgh. Not common. — *Ent. Edin.*
conspurcatus *Fab. Steph.*

A. INQUINATUS *Herbst, Steph.* — Dollar; Kinross-shire; Fife; near Edinburgh; Berwickshire.
distinctus *Müller.*
vaginosus *Fuessly.*
conspurcatus *Schrank.* (not *Fab.*)
tessulatus (?) *Laich.*
attaminatus *Marsh.*

A. TESSULATUS *Creutz. Steph.* — Arthur Seat.
inquinatus *Oliv.*

A. STICTICUS *Panz. Steph.* — Near Edinburgh. — *Ent. Edin.*
nemoralis *Panz.*

A. PORCUS *Fab. Steph.*
anchoreta *Panz.*
turpis *Marsh.*
var. ruficrus *Marsh. Muls.* — Dollar. — Mr J. T. Syme.

ACROSSUS *Muls.*

APHODIUS *Ill. Steph.*

× A. RUFIPES *Lin. Steph.* — Common. 1856
oblongus *Schrank.*

A. LURIDUS *Fab. Steph.* — Not rare.
rufipes *Illig.*

var. nigripes *Schön. Dej. Steph.* — The commoner form.

A. DEPRESSUS *Kugel. Steph.* — Plentiful in Orkney; rare elsewhere.
nigripes *Duft.* — In bogs in Berwickshire; near Edinburgh.

MELINOPTERUS *Muls.*

APHODIUS *Ill. Steph.*

M. CONTAMINATUS *Herbst. Steph.* Very common in autumn. 1856
conspurcatus *Oliv.* (not *Fab.*)

M. PRODROMUS *Brahm.* ♂ *Steph.* Very plentiful in spring and summer. 1856
contaminatus *Herbst.*
consputus *Duft.*
sphacelatus *Zetter.* ♀ *Steph.*
conspurcatus *Laich.*

HEPTAULACUS *Muls.*

APHODIUS *Ill. Steph.*

H. SUS *Herbst, Steph.* — Taken most abundantly by J. Rawlins, Esq., in a field by Ravelston wood, near Edinburgh. Dr Leach in *Steph. Illust.*
pubescens *Oliv.*

DIASTICTUS *Muls.*

PSAMMODIUS *Sturm, Dej. Steph.*

D. VULNERATUS *Sturm.* — Scarce. Avon, near Linlithgow.
Sabuleti *Ill. Steph.* — Under stones near Musselburgh.
semipunctatus *Bon.*

DIVISION TROGIDÆ.

ÆGIALIA *Lat.*

Æ. ARENARIA *Fab.* — Shores of Firth of Forth. Occasional.
globosa *Kug. Steph.*

TROX *Fab.*

T. SCABER *Lin. Steph.* — Jardine Hall. Sir Wm. Jardine, Bart.
arenosus *Gmel.* (not *Gyll.*)
arenarius *Fab.* (not *Payk.*)
barbosus *Laich.*
hispidus *Payk*, (not *Laich.*)

DIVISION MELOLONTHIDÆ.

MELOLONTHA *Fab.*

M. VULGARIS *Fab. Steph.* — Dalkeith Park, Lanark, Sorn, Raehills, and Moffat; Glencoe, &c. 1856
majalis *Molli.*

Ayrshire Not common 1886

Near Dalry. Ayrshire, Rev. D Smith 1856
Abundant around Dounecastle, Arran MS. 1856

In myriads at Inverary causing the branches of some of the trees to bend under their weight. June. 1856.

†XM. HIPPOCASTANI *Fab. Steph.* — Hamilton, Falkirk, and Levenside. 1856
vulgaris, var. *Oliv.* — Mr Hislop.

ANOMALA *Koppe, Steph. Muls.*

EUCHLORA, *M'Leay, Muls.*

XA. FRISCHII *Fab. Steph.* (not *Panz.*) Julii *Payk.* — Sea-shore, Guillane Links; near Montrose; Ayrshire. 1856

PHYLLOPERTHA *Kirby.*

XP. HORTICOLA *Lin. Steph.* — Pentlands, Aberdeensh., Sutherland, Argyllshire. 1856

——— var. b. *Heer.*
——— var. D. *Muls.*
var. suturalis *Newm.* — Ayrshire. 1856 Sutherland. Mr J. T. Syme. Mr James Wilson.

† XHeptia argentea Catacol Arran Messrs Somerville July 1856

SERICA *M'Leay.*

XS. BRUNNEA *Lin. Steph.* fulva *De Geer.* fulvescens *Fourc.* — Generally distributed throughout Scotland. A crepuscular insect. 1856

DIVISION CETONIDÆ.

TRICHIUS *Fab.*

T. FASCIATUS *Lin. Fab. Steph.* succinctus *Lat.* — Perthsh., Inverness, Aberdeensh., &c. Most abundant on banks of the Caledonian Canal.

CETONIA *Fab.*

†XC. AURATA *Lin. Steph.* — Wigtonshire, Ayrshire. 1856

C. OBSCURA *Dej.** — Black Forest, Perthshire. Mr Weaver. Dr Nelson.

FAMILY BUPRESTIDÆ.

AGRILUS *Curtis.*

A. LITTLEI *Schuck.* — About three dozen specimens found, on one occasion, on the willow at Raehills, in the month of June. Rev. W. Little.

* C. OBSCURA *Dej.* is considered by recent authors a mere variety of C. ÆNEA *Illig.* produced by climate or food; but as it is sufficiently distinct to be readily recognised, and is well known on the Continent by this name, I have preferred to keep it a distinct species.—A. M.

FAMILY ELATERIDÆ.

MELANOTUS *Esch. L. Redtenbacher.*
CRATONYCHUS *Dej.*

M. RUFIPES *Herbst.* — Near Edinburgh; Black Forest, Perthshire; Dumfriesshire.
fulvipes *Herbst, Steph.*

LACON *Laporte, L. Redten.*
AGRYPNUS *Esch. Dej.*
LEPIDOTUS *Steph.*

L. MURINUS *Lin. Steph.* — Not rare.

ATHOUS *Esch.*

A. HIRTUS *Herbst.* — Common.
aterrimus *Fab.*
niger *Oliv. Steph.*

A. LONGICOLLIS *Fab. Steph.* — Dalmeny Park, near Edinburgh.
marginatus *Payk.*
marginellus *Herbst.*

A. HÆMORRHOIDALIS *Fab. Steph.* — Common. 1858
ruficaudis *Gyll.*
analis *Herbst.*
var. obscurus *Payk.* — Dollar. Mr J. T. Syme.

A. VITTATUS *Fab. Steph.* — Occasional.
subfuscus *Gyll.*
stricticollis *Panz.*

CAMPYLUS *Fisch.*
EXOPHTHALMUS *Lat.*
HAMMONIUS *Meg.*

C. LINEARIS *Fab. Steph.* — In rotten birch and alder stumps, Berwickshire; Dumfries; Dollar.
♂ dispar *Payk.*

LIMONIUS *Esch. Redten.*

L. CYLINDRICUS *Payk. Steph.* — Rare. Raehills; East Lothian; Berwickshire.

L. SERRATICORNIS *Payk. Steph.* — Near the village of Denholm, Roxburghshire. *Ent. Edin.*
serricornis *Herbst.*

L. MINUTUS *Lin. Steph.* — Scarce. Near Edinburgh; Berwickshire.
nitidicollis (*Meg.*)

Not common, Tollcross 1856.

Kelvin, Arran. 1856.

Kelvin side; Arran 1856.

Possil; Kelvin side occational. 1856.

Tollcoss R. K. & Mr. Donaldson. 1856.

New confluence of Kelvin & Clyde. 1856

Hamilton 1856

Hamilton 1856.

Near Paisley Mr. Young. 1856.

Possil & Paisley in decaying fir trees. 1856.

Dunoon. 1856.

CARDIOPHORUS *Esch. Redten.*

APLOTARSUS *Steph.*
CALODERUS *Steph.*

C. RUFIPES *Fab. Steph.* — Cramond; Berwickshire, &c. Not scarce.

C. QUERCUS *Steph.* — In company with C. rufipes. Perhaps one of the sexes of that species.

C. EQUISETI *Herbst, Steph.* — Rare. Woods near Mortonhall. *Ent. Edin.*
filiformis *Rossi.*
pilosus *Herbst.*

C. TESTACEUS *Fab. Steph.* — Dalmeny; south side of Blackford Hill; Berwickshire, &c.
fugax *Fab.*

ELATER *Lin. Esch.*

AMPEDUS (*Meg.*) *Dej.*

E. LYTHROPTERUS *Germar.* — Raehills, in decayed birch-trees during winter. Very rare. Rev. W. Little.
sanguineus *Steph.* (not *Lin.*)
semiruber *Hoff. Steph.*

E. BALTEATUS *Lin. Steph.* — East Lothian, Pentlands, Renfrewshire, and Lanarkshire.

E. USTULATUS *Payk. Steph.* — Castle Campbell wood, Dollar. Mr J. T. Syme.

E. MARITIMUS *Curtis, Steph.* — Ballachulish; water of Dryfe. Mr Curtis. Rev. W. Little.

CRYPTOHYPNUS *Esch. Dej.*

HYPNOIDUS *Steph.*

C. RIPARIUS *Fab. Steph.* — Very common. *1856*
æneus *Marsh.*
littoreus *Herbst.*

C. QUADRIPUSTULATUS *Fab.* (not *Steph.*) — Banks of Kinnel. Rev. W. Little.
Agricola *Zetter. Steph.*
quadrum *Gyll.*

C. DERMESTOIDES *Herbst, Steph.* — Not unfrequent under stones on the banks of streams.
quadripustulatus *Gyll.* var. *Steph.*
minimus *Dej.*

CORYMBITES *Lat.*

LUDIUS *Dej.*
CTENICERUS *Steph.*

X C. CUPREUS *Fab. Steph.* chalybeus *Sow. Steph.*	Common.
X C. PECTINICORNIS *Lin. Steph.*	Kinross-shire, Berwicksh., Mull, &c. 1858
X C. TESSELLATUS *Lin. Steph.* var. assimilis *Gyll.* 1858	Dunoon, Argyllsh.; Black Forest, in Perthshire; Clova Mountains, in Forfarshire; Berwickshire.

DIACANTHUS *Lat.*

LUDIUS *Lat. Dej.*

D. HOLOSERICEUS *Fab.* (*Lepidotus*) *Steph.*	Occasional.
X D. ÆNEUS *Lin.* (*Selatosomus*) *Steph.* var. *a* impressus *Marsh.* — *b* Germanus *Lin.* — *c* cyaneus *Marsh.*	Local. Arthur Seat and Salisbury Craigs; Traprain Law. Not very common in other parts of the country.

AGRIOTES *Esch.*

CATAPHAGUS *Steph.*

X A. SEGETIS *Bierk. Gyll.* lineatus *Lin. Steph.* striatus *Fab.*	Not common. Near Edinburgh, Dumfriesshire, &c.
X A. OBSCURUS *Lin. Gyll. Steph.* variabilis *Payk. Fab.*	Very common. 1858
A. SPUTATOR *Lin. Gyll. Steph.*	Berwickshire.

SERICOSOMUS *Serv.*

SERICUS *Esch. Steph.*

X S. BRUNNEUS *Lin. Fab. Steph.*	Rare. Raehills; Black Forest, in Perthshire; Mull. 1858
S. FUGAX *Fab. Steph.*	Raehills. Rev. W. Little.

DOLOPIUS *Esch. Steph.*

X D. MARGINATUS *Lin. Steph.* lateralis *Oliv.* dorsalis *Payk.* tenellus *Beck.* sticticus *Panz.* suturalis *Marsh.* var. fulvus, *Marsh.*	Occasional.

ADRASTUS *Esch. Steph.*

X A. LIMBATUS *Fab. Steph.*	Common. 1858

Kelvinside &c. 1856.

Lochgoilhead, Ayrshire. 1856.

Dumbarton castle. 1856.

Near Paisley Mrs Young. 1856.

Not uncommon. 1856.

Bowling, not common. 1856.

Common. 1856.

Near Milngavie; Douglas castle. 1856.

Near Hamilton & Cadzow. 1856.

Lanarkshire; Ayrshire 1856.

FAMILY CYPHONIDÆ.

ATOPA *Payk. Steph.*

XA. CERVINA *Fab. Lin. Steph.* Occasional.

ELODES *Lat.*

CYPHON *Payk. Fab. Steph.*

E. LIVIDA *Fab. Steph.* Near Edinburgh; Swinton.
tenella *Oliv.*
pallida *Payk.*
mollis *Marsh.*
testaceus *Steph.* (not *Dej.*)
obscurus *Steph.*
assimilis *Steph.*

XE. VARIABILIS *Thun.* Near Edinburgh; Berwickshire. Not scarce.
pubescens *Fab. Steph.*
minuta *Oliv.*
dorsalis *Marsh.*

E. COARCTATA *Payk.* Near Edinburgh; Raehills; Dollar; Berwickshire, &c.
livida *Fab.*
grisea *Fab. Steph.*
concolor *Marsh.*
fuscescens *Lat.*
variabilis var. *Thun.*

XE. PADI *Lin. Steph.* Dumfriesshire; Alloa; near Dunse.
coarctata var. *Payk.*
discolor *Panz.*
pusilla *Dej.*
var. ater *Steph. ?*

XE. MARGINATA *Fab. Steph.* Not common. Near Edinburgh; Dollar, &c.
var. pallida *Payk.* (not *Fab.*)
circumfusa *Marsh.*
nimbata *Panz.*
var. limbata *Dej.*

E. DEFLEXICOLLIS *Müller.* Berwickshire; on the Whitadder, below Abbey St Bathan's; Girrick.
Pini *Curtis.*
nigricans *Dej.*
pellucens *Melsh.*

XE. PALLIDA *Fab. Oliv.* Occasional in woods.
melanura *Fab. Steph.*
var. laeta *Panz. Steph.*
minuta *Lin.*

FAMILY TELEPHORIDÆ.

DICTYOPTERUS *Lat.*
LYCUS *Fab. Lat.*

D. AURORA *Fab.* coccinea *Lin.* — Rannoch in Perthshire. Mr Weaver.

LAMPYRIS *Lin. Dej. Steph.*

L. NOCTILUCA *Lin. Fab. Steph.* — In some plenty in the southern parts of Kirkcudbrightshire and Wigtonshire; abundant in the east of Berwickshire; also found in Dumfriesshire, Argyllshire, &c. 1856

PODABRUS *Fischer.*
CANTHARIS *Fab. Dej.*
TELEPHORUS *Oliv. Steph.*

P. ALPINUS *Payk. Steph.* — Dollar. Abundant in June. Hamilton; Penmanshiel wood. 1856

TELEPHORUS *Oliv. Steph.*
CANTHARIS *Fab. Dej.*

T. FUSCUS *Lin. Steph.* anticus *Märk. Dej.* — Near Edinburgh. *Ent. Edin.*

T. RUSTICUS *Fallen. Gyll. Steph.* — Generally distributed.

T. DISPAR *Fab. Steph.* lividus *Illig.* (not *Fab. Steph.*) — Common. 1856

T. PELLUCIDUS *Fab. Gyll. Steph.* — Not rare. 1856

T. CYANIPENNIS *Zieg. Dej.* cyaneus *Curt. Steph.* — Occasional. Edinburgh; Fife; Forfar; Kinross; Berwickshire, &c.

T. NIGRICANS *Fab. Gyll. Steph.* — Common. 1856

T. OBSCURUS *Lin. Steph.* — Near Dollar. Mr J. T. Syme.

T. FLAVILABRIS *Gyll. Steph.* — Occasional. Near Edinburgh; Dollar; Berwickshire, &c. 1856

T. PULICARIUS *Fab. Steph.* — Raehills; Forfarshire.

T. LIVIDUS *Fab. Steph.* — Occasional throughout Scotland.

T. BICOLOR *Fab. Steph.* — Common. 1856

T. PILOSA *Payk. Gyll. Steph.* rufotestaceus *Letzn.* — Penmanshiel wood, in East Lothian. Scarce. Mr James Hardie.

T. LITURATUS *Gyll. Steph.* — Dalmeny; Raehills; Berwickshire.

& Dumbartonshire.

Not common

Helminside occasional.

Kelvin

RAGONYCHA *Esch.*
CANTHARIS *Fab. Dej.*
TELEPHORUS *Oliv. Steph.*

R. PALUDOSA *Fallen. Gyll.* aethiops *Curtis.* — In swamps and bogs, Berwickshire. Mr Hardy.

R. MELANURA *Fab. Panz. Steph.* — Common everywhere in autumn. 1858

R. TESTACEA *Lin. Gyll. Steph.* — Not scarce. 1856

R. PALLIDA *Fab. Steph.* pallipes *Fab. Illig. Steph.* — Common. 1856

R. ATRA *Lin. Steph.* Iridis *Marsh.* — Kingussie; Aberdeenshire. Mr J. T. Syme.

MALTHINUS *Lat. Dej. Steph.*
TELEPHORUS *Oliv.*
CANTHARIS *Lin. Fab.*

M. FLAVEOLUS *Herbst, Steph.* — Dalmeny; East Lothian; Dollar; Berwickshire, &c.

M. BIGUTTULUS *Payk. Steph.* — Generally distributed.

M. BIGUTTATUS *Lin. Steph.* — Generally distributed. 1856.

M. SANGUINICOLLIS *Sch. Steph.* sanguinolentus *Gyll.* ruficollis *Lat.* fulvicollis *Kirb. Steph.* — Occasional. Near Edinburgh; Berwickshire.

M. MINIMUS *Lin. Gyll.* marginatus *Lat. Steph.* — Berwickshire. Mr James Hardy.

M. MELANOCEPHALUS *Marsh. Steph.* — Berwickshire. Mr James Hardy.

M. CONCOLOR *Kirb. Steph.* — Dalkeith Park. A. Murray.

M. BREVICOLLIS *Payk. Steph.* — Dunglass. Berwickshire. Dumfriesshire, &c.

FAMILY MALACHIIDÆ.

MALACHIUS *Fab.*

M. VIRIDIS *Fab. Steph.* bipustulatus var. δ *Illig.* (not *Lin. Fab.*) — Ormiston. Mr Logan.

M. ÆNEUS *Fab. Steph.* — Near Edinburgh. *Ent. Edin.*

M. MARGINELLUS *Fab. Steph.* — Shores of the Solway. Sir Wm. Jardine, Bart.

DASYTES *Fab.*

D. ÆRATUS *Steph.* — Dalkeith Park. A. Murray.

AMAURONIA *Westwood.*

APLOCNEMUS *Steph.*

A. IMPRESSUS *Marsh. Steph.* — Dalkeith Park. — A. Murray.

PHLOIOPHILUS *Waterh.*

PH. EDWARDSII *Waterh.* — Avon, near Linlithgow. — Mr Hislop.

PH. COOPERI *Steph.* — Raehills. — Rev. W. Little.

FAMILY CLERIDÆ.

THANASIMUS *Lat.*

TH. FORMICARIUS *Fab. Steph.* — Flisk, in Fifeshire; Perthshire; Forfarshire; Aberdeenshire, &c.

NECROBIA *Lat.*

N. RUFICOLLIS *Fab. Steph.* — Very rare. Near Edinburgh; Dumfriesshire.

N. VIOLACEA *Lat. Dej.*
angustata *Falder.*
quadra *Marsh. Steph.* — Not rare. On bones, &c.

N. RUFIPES *Fab. Steph.* — Berwickshire—only once found. Mr James Hardy.

FAMILY PTINIDÆ.

HEDOBIA *Lat.*

PTINUS *Lin. Steph.*

H. IMPERIALIS *Lin. Steph.* — On birch-trees near Jedburgh. *Ent. Edin.*

PTINUS *Lin.*

P. SEXPUNCTATUS *Panz. Steph.* — Old wood in houses, &c., in the Edinburgh district. *Ent. Edin.*

P. FUR *Lin. Steph.*
Germanus *Fab.*
clavipes *Panz.* — Not very common. Edinburgh; Fife; Dumfries, &c.

P. CRENATUS *Fab. Gyll. Steph.* — The commonest of the species.

P. LICHENUM *Marsh. Steph.* — Raehills.

P. HOLOLEUCUS *Fald. Steph.* — Plentiful in houses in Edinburgh.

GIBBIUM *Scopoli.*

G. SCOTIAS *Fab.* — Arlary in Kinross-shire, among a parcel of dried plants from India. Dr G. W. Arnott.

Broomelaw & Ardrossan D.C. Colquhoun.

Glasgow 1886 Hamilton under bark

Glasgow in houses 1886.

Glasgow abundant; Ayrshire. 1886.

Glasgow in Warehouses; occasional 1856.

Seemingly not common, Normal Semy Glasgow
It may however be plentiful in some localities. 1856

Common 1856

Kelvinside 1856.
Near Killermont. 1856.

MEZIUM *Leach.*

✗M. SULCATUM *Fab.*	Edinburgh, among a consignment of decapods from Australia. Dr Fleming.

FAMILY ANOBIIDÆ.

ANOBIUM *Fab.*

A. PANICEUM *Fab. Steph.*	Cramond. Dr Greville and Rev. W. Little.
A. RUFIPES *Fab. Steph.* elongatum *Payk.*	Raehills. Rev. W. Little.
✗A. STRIATUM *Illig. Steph.* pertinax *Panz.* (not *Lin. Steph.*)	Common in old houses.
A. TESSELATUM *Fab. Gyll. Steph.*	Raehills. Rev. W. Little.
✗A. MOLLE *Fab. Steph.*	Forfarshire ; Kinross-shire ; Berwickshire ; near Edinburgh.
A. ABIETIS *Fab. Steph.*	Near Edinburgh. Mr Jas. Wilson. *Ent. Edin.*
A. ERYTHROPUM *Leach, Steph.*	Ravelston Wood, near Edinburgh. Mr Rawlins. *Steph. Illust.*
A. CASTANEUM *Oliv. Steph.*	Alder trees at west end of Duddingston Loch ; in woods, Berwickshire.

CIS *Lat.*

✗C. BOLETI *Scopoli, Steph.* variabilis *Fab.* picipes *Herbst.*	Under bark, and in Polyporus versicolor. Near Edinburgh ; Dumfriesshire ; Kinross-shire.
C. RUGULOSUS *Manner. Mellié.* var. pyrocephalus *Mellié. Steph.*	Dollar. Mr J. T. Syme.
✗C. NITIDUS *Fab. Steph.*	Dumfriesshire ; Dollar ; near Edinburgh ; Berwickshire, &c.
✗C. BIDENTATUS *Oliv. Steph.* ♀ inermis *Marsh.*	Raehills ; Glasgow. 1856
C. FESTIVUS *Panz. Gyll.* pygmæus *Marsh. Steph.*	In Polyporus versicolor. Berwickshire. Rare. Mr James Hardy.

PTILINUS *Geoff.*

P. COSTATUS *Gyll.* flabellicornis *Dej.* pectinicornis *Illig.*	Near Edinburgh ; Raehills, &c.

FAMILY LYMEXYLONIDÆ.

HYLECŒTUS *Lat. Steph.*

LYMEXYLON *Fab.*

H. DERMESTOIDES, *Fab. Steph.* Black Forest, Rannoch.
♂ proboscideus *Fab.* Mr R. Weaver.

FAMILY BOSTRICHIDÆ.

TOMICUS *Lat.*

T. BIDENS *Fab. Steph.* Edinburgh; Jedburgh; Dollar;
♂ bidentatus *Herbst.* Raehills; Berwickshire; Glasgow.
♀ chalcographus *Payk.* (not *Lin.*)
micrographus *Marsh.*

T. LARICIS *Fab. Steph.* Dollar. Mr J. T. Syme.

T. MONOGRAPHUS *Fab. Steph.* Ormiston; East Lothian; Cramond.

FAMILY HYLESINIDÆ.

HYLESINUS *Fab.*

H. CRENATUS *Fab. Duft. Steph.* Near Edinburgh; Kinross-shire; Forfarshire.

H. SCABER *Marsh. Steph.* Raehills. Rev. W. Little.

H. VARIUS *Fab.* Occasional.
Fraxini *Fab. Steph.*
melanocephalus *Fab.*
pubescens *Fab.*

H. COADUNATUS *Marsh. Steph.* Raehills. Rev. W. Little.

H. SERICEUS *Marsh. Steph.* Raehills. Rev. W. Little.

HYLURGUS *Erich.*

H. PINIPERDA *Lin. Steph.* Not rare in fir woods. 1836
testaceus *Fab.*

HYLASTES *Erich.*

HYLURGUS *Lat. Dej. Steph.*

H. ATER *Payk. Steph.* Common in fir woods. 1836
chloropus *Duft.*
Boleti *Marsh.*
niger *Marsh.*

A Paisley. 1886.

Not uncommon near Hamilton Ks. 1886.

Renfrewshire. 1856.

Mull 2 specimens. Mrs McL took 3 1856.
on a plane tree

Granaries Polt dundas Dr 1856

Mills Near Monckton Mrs Duncan 1856

Arran Mrs J. P. Mc Morland. 185

H. ANGUSTATUS *Herbst. Steph.*	Under bark of decaying firs, Berwickshire; Glasgow.	
H. OBSCURUS *Marsh. Steph.*	Cramond; Hawthornden; Berwickshire.	
H. RUFESCENS *Steph.*	Alloa.	Mr J. T. Syme.
H. RUFUS *Marsh. Steph.*	Raehills.	Rev. W. Little.
H. RHODODACTYLUS *Marsh. Steph.*	Near Edinburgh; Linlithgow; Kinross-shire; Berwickshire, &c.	

FAMILY CURCULIONIDÆ.

RHYNCOLUS *Creutz. Germ.*

R. CYLINDRIROSTRIS *Oliv.* lignarius *Marsh. Steph.*	Raehills.	Rev. W. Little.

Rater Rannoch R. H. 1886.

MESITES *Schön.*

COSSONUS *Dej. Steph.*

M. TARDII *Vigors.*	Kilmun.	Mr J. M'Call.

SITOPHILUS *Schön.*

RHYNCHOPHORUS *Herbst.*

CALANDRA *Clair. Steph.*

S. GRANARIUS *Lin. Steph.* Segetis *Lin.* frumentaria *Steph.*	Near Edinburgh; Leith; Dollar, &c.	
S. ORYZÆ *Lin.* frugilegus *De Geer.* granarius *Stroem.*	Edinburgh. A single specimen, (introduced.)	A. Murray.

NANOPHYES *Schön.*

SPHÆRULA *Meg. Steph.*

NANODES *Schön.*

N. LYTHRI *Fab. Steph.* Salicariæ *Oliv.* pygmæus *Herbst. Steph.* fasciatus *Villers.* leucozonius *Lin.* transversus *Oliv.*	Argyllshire.	Rev. Geo. Little.

MECINUS *Germ. Schön. Steph.*

M. PYRASTER *Herbst.* semicylindricus *Gyll. Steph.* ♂ Cerasi *Payk.* — Near Edinburgh; Dumfriesshire; Berwickshire; Dollar, &c.

GYMNÆTRON *Schön. Steph.*
MIARUS *Sch. Steph.*
RHINUSA *Kirby, Steph.*

G. PASCUORUM *Gyll.* nanus *Dej.* — One specimen taken near Swinton, Berwickshire. Mr James Hardy.

G. LINARIÆ *Panz.* teter *Panz.* (not *Fab.*) — Dalmeny Park. Dr. Greville.

G. VILLOSULUS *Schön.* dorsalis *Oliv.* — Near Girrick. Mr Hislop.

G. BECCABUNGÆ *Gyll.* var. d. e. *Steph.* (not *Lin.*) nigrum *Walton.* — On Veronica anagallis, near Stichell and Swinton; Dalmeny Park. Mr James Hardy. Mr R. N. Greville.

G. LABILIS *Herbst.* tricolor *Gyll. Marsh. Steph.* — Near Stirling; Swinton and Scaithmuir; Glasgow; Kinross-shire.

CIONUS *Clair. Steph.*
CLEOPUS (*Meg.*) *Steph.*

C. SCROPHULARIÆ *Lin. Steph.* Blattariæ *Voet.* Verbasci *Voet.* — On Scrophularia nodosa, and allied species of plants. Generally distributed.

C. VERBASCI *Fab. Steph.* Scrophulariæ var. δ *Lat.* tuberculosus *Scop.* — Dollar. Mr J. T. Syme.

C. BLATTARIÆ *Fab. Steph.* bipustulatus *Marsh.* — On plants of the same families as the preceding species. Not common. Edinburgh; Dumfriesshire; Berwickshire.

OROBITIS *Germ. Steph.*

O. CYANEUS *Lin. Steph.* globosus *Lin.* giganteus *Meg.* hypoleucus *Quensel.* croceus *Fab.* — Near Edinburgh; Stirlingshire; East Lothian; Berwickshire.

Near Monkton Mr. Duncan 1856.

& Paisley 1856.

Near Stirling 1856.

Renfrewshire. 1856.

POOPHAGUS *Schön.*

CEUTORHYNCHUS *Dej.*

NEDYUS *Steph.*

P. SISYMBRII *Fab. Steph.* — Near Edinburgh; Dumfriesshire; Berwickshire; East Lothian, &c.

RHINONCHUS *Schön. Steph.*

CAMPYLIRHYNCHUS *Meg. Dej.*

R. INCONSPECTUS *Herbst.*
suturalis *Oliv.*
crassus *Marsh. Steph.*
accipitrinus *Reich.* — Raehills, Dumfriesshire. Rev. W. Little.

R. CANALICULATUS *Marsh. Steph.* — Raehills. Rev. W. Little.

R. 4-TUBERCULATUS *Fab. Steph.* — Berwickshire; Dumfriesshire.

R. CASTOR *Fab. Steph.*
Pericarpius var. *Lin.*
scabratus *Fab.*
fructiculosus *Herbst.*
seniculus *Graven.*
4-cornis *Gyll. Dej. Steph.*
var. flavipes *Steven.*
leucostigma *Marsh. Steph.*
rufipes *Steph.*
interstitialis *Reic. Steph.* — Raehills; Cockburnlaw, Berwickshire; Brig of Turk, Perthshire; Glasgow, &c. 1856

R. PERICARPIUS *Fab. Steph.*
Spartii *Kirby, Steph.* — Generally distributed.

CEUTORHYNCHUS *Schüppel.*

NEDYUS *Steph.*

C. ASSIMILIS *Payk. Gyll. Steph.*
obstrictus *Marsh. Steph.*
Alauda *Herbst.* (not *Fab.*) — Near Edinburgh; Dollar; Berwickshire. 1856

C. DEPRESSICOLLIS *Gyll.* — Near Edinburgh; Kirkpatrick Juxta, &c.

C. ERYSIMI *Fab. Panz. Steph.*
chloropterus *Kirby, Steph.* — Occasional. 1856

C. CONTRACTUS *Marsh. Steph.*
minutus *Sturm.* — Common. 1856.

C. COCHLEARIÆ *Gyll. Steph.* — Raehills; Edinburgh district, &c.

C. TERMINATUS *Herbst.* hæmorrhoidalis *Panz. Dej. Steph.* Sii *Chev.* rufitarsis *Kirby.*	One specimen taken on sea-coast near Cockburnspath.	Mr J. Hardy.
C. FLORALIS *Payk. Gyll. Steph.* Typhæ *Herbst.* sulculus *Kirby.* monostigma *Mar. Steph.*	Occasional near Edinburgh. Kinross-shire.	
C. PYRRHORHYNCHUS *Marsh. Steph.* erythrorhynchus *Schön.* phæorhynchus *Marsh. Steph.* var. ruficrus *Marsh. Steph.*	Raehills.	Rev. W. Little.
C. CONSTRICTUS *Marsh. Steph.*	Near Edinburgh; Cramond, &c.	
C. ERICÆ *Gyll. Steph.* rufirostris *Dej.*	Moffat Hills; Berwickshire, &c. 1856.	
C. ECHII *Fab. Panz. Steph.*	Near Edinburgh—south-east side of Arthur Seat.	
C. VIDUATUS *Gyll.*	Dollar; Dalmeny; Kirkpatrick Juxta.	
C. LITURA *Fab. Gyll.* cruciger var. *Herbst.* ovalis *Marsh. Steph.*	Occasional. Edinburgh; Kinross-shire; Berwickshire.	
C. RUGULOSUS *Herbst.* (not *Steph.*) Quercicola var. *b. Payk.* melanostigma *Marsh. Steph.* cinereus *Marsh. Steph.* scutellatus *Steph.*	Raehills; Milnegraden.	
C. QUADRIDENS *Panz.* Borraginis *Gyll. Steph.* Quercicola *Marsh. Steph.* (not *Fab.*) pallididactylus *Marsh. Steph.*	Near Edinburgh; Dalmeny; Berwickshire.	
C. MARGINATUS *Payk. Gyll. Steph.*	Raehills.	Rev. W. Little.
C. POLLINARIUS *Schh. Steph.* dentatus *Marsh.* glaucinus *Dej.* caliginosus *Steph.*	Very common. 1856	
C. SULCICOLLIS *Gyll. Steph.* Alauda *Fab.* affinis *Panz. Steph. Schh.*	Common.	

Near Glasgow Ap. 1886.

C. CYANIPENNIS *Illig.* — Dalmeny. Rev. W. Little and Mr R. N. Greville.

C. TROGLODYTES *Fab. Steph.* var. spiniger *Herbst.* — Pentlands; Arthur Seat; Craiglockhart; Berwickshire; Dumfriesshire, &c.

ACALLES *Schön. Steph.*

TYLODES *Guer. Dej.*

A. ABSTERSUS *Schh.* Roboris *Curtis.* — Roslin. Dr Greville and Rev. W. Little.

A. PTINOIDES *Marsh. Steph.* echinatus *Meg.* nocturnus *Chevr.* — Roslin. Dr Greville. Ravelston. Rev. W. Little.

CELIODES *Schönherr.*

CEUTORHYNCHUS *Steph.*

C. QUERCUS *Fab. Steph.* pallens *Marsh.* melanorhynchus *Marsh. Steph.* — Near Edinburgh; Dollar; Berwickshire; Dumfriesshire, &c.

C. RUBER *Marsh. Steph.* Quercus *Olivier.* rufirostris *Spence, Steph.* — Near Edinburgh. Occasional. Penmanshiel wood.

C. RUBICUNDUS *Payk. Steph.* Quercus var. *b. Payk.* melanocephalus *Marsh. Steph.* — Near Edinburgh; woods about Roslin; Raehills; Berwickshire.

C. GUTTULA *Fab. Steph.* carduelis *Meg.* fuliginosus *Marsh. Steph.* subcostatus *Dej.* ruficornis *Steph.* — Ravelston, near Edinburgh; Milnegraden, &c.

C. SUBRUFUS *Herbst. Steph.* cinctus *Rossi.* tricinctus *Walken.* erythroleucus *Lin.* var. subrufus *Gyll.* — Cramond and Raehills. Rev. W. Little.

C. DIDYMUS *Fab. Steph.* urticarius *Clair.* viduus *Panz.* albopunctatus *Lin.* bipunctatus *Lin.* tripunctatus *Fourc.* ♂ oleraceus *Scopoli.* var. gibbipennis *Germ.* Urticæ *Marsh. Steph.* — Very common.

C. Geranii *Payk. Steph.* — Ravelston, near Edinburgh; Arthur Seat; Dollar; East Lothian; Berwickshire, &c.
affinis *Payk.*

CRYPTORHYNCHUS *Illiger.*

C. Lapathi *Lin. Steph.* — Coates, near Edinburgh. Sir P. Walker. *Ent. Edin.*
albicaudis *De Geer.*
carbonarius *Scopoli.*
trimaculatus *Vœl.*

BARIDIUS *Schön.*

Baris *Germ. Lat. Steph.*

B. t-album *Lin.* — Halleaths Loch, on rushes. Sir Wm. Jardine, Bart.
Atriplicis *Oliv. Lat. Steph.* — Dunse; bogs in Berwickshire, &c. Mr Hardy.
pilistriatus *Steph.*
funerus *Herbst.*
nigrinus *Herbst.*
hypoleucus *Marsh.*
porolosus *Lin.*

BAGOUS *Germ. Steph.*

B. lutulentus *Gyll. Steph.* — Near Edinburgh. Rev. W. Little.
tibialis *Steph.*
binotatus *Steph.*

STYPHLUS *Schön.*

Orthocætes *Müller, Steph.*

S. setiger *Beck, Schön. Steph.* — Roxburghshire; near Corstorphine hill.
setosus *Dej.*

ORCHESTES *Illig.*

O. Quercus *Lin. Steph.* — Woods near Edinburgh; Berwickshire, &c.
Viminalis *Fab.*
setosus *Müll.*
Alni *Herbst.*
var. depressus *Steph.*

O. scutellaris *Fab. Steph.* — Raehills. Rev. W. Little.
rufus *Schr. Marsh.*
Viminalis *Besser.* (not *Fab.*)
Alni, var. *c*, *Payk.*
stellaris, var. β, *Gyll.*
flavus *Sturm.*
testaceus *Müller.*

Mugdock Castle near Milngavie R.H.
Not common, 1886.

Kelvin. 1886.

Monkton Mrs Duncan 1886.

Near Milngavie. Paisley Plentiful on Birch 185

Near Paisley Moss on Birch

O. MELANOCEPHALUS *Oliv.* — Dalmeny Park. — Mr R. N. Greville.
ferrugineus *Marsh. Steph.*
nigricollis *Marsh. Steph.*
atricapillus *Marsh. Steph.*

O. ILICIS *Fab. Steph.* — Near Edinburgh; Raehills.
Segetis *De Geer* (not *Herbst.*)
pilosus *Fab. Steph.* (not *Lat.*)

✗O. FAGI *Lin.* — Common. *1856*
Fragariæ *Fab. Lat.*
Calcar *Oliv. Lat. Steph.*
subater *Müller.*
rhododactylus *Marsh.*
rhodopus *Marsh. Steph.*

O. SIGNIFER *Creutz.* — Raehills. — Rev. W. Little.
Avellanæ *Don. Steph.*
Salicis *Lat.*
hortorum *Lat.*

✗O. RUSCI *Herbst.* — On sallows and oaks, Penmanshiel wood; Berwickshire; Dumfriesshire.
bifasciatus *Gyll. Steph.*
Salicis *Schrank.*
decoratus *Steph.*
affinis *Steph.*

TACHYERGES *Schön.*

T. SALICIS *Lin. Steph.* — Near Edinburgh. Berwickshire. Occasional.
hortorum *Oliv.*
scapularis *Beck.*
Capreæ *Lat.*

✗T. STIGMA *Germ. Steph.* — Near Edinburgh; Berwickshire, on hazel; Glasgow. *1856*
Iota *Gyll.*
confondatus *Schön.*
alboscutellatus *Dej.*
rufitarsis *Steph.*
aterrimus *Sturm.*

ANOPLUS *Schüpp.*

✗A. PLANTARIS *Noezeii, Steph.* — Raehills; Dollar; Berwickshire; Glasgow. *1856*
Roboris *Suffrian.*
brevis *Marsh.*
nitidulus *Steph.*
atratus *Steph.*
Armeniacæ *Fab.*

LITODACTYLUS *Redten.*
PHYTOBIUS *Schön.*
PACHYRHINUS *Steph.*

L. LEUCOGASTER *Marsh. Steph.* Duddingston Loch. Pond near Swinton.
Myriophylli *Gyll.*

L. QUADRITUBERCULATUS *Fab.* Raehills. Rev. W. Little.
4-cornis *Payk.*
Ribis *Stroem.*
4-dentatus *Steph.*

L. CANALICULATUS *Kirby, Sch.* Dumfriesshire. Rev. W. Little.

MICCOTROGUS *Schön.*
TYCHIUS *Steph.*

M. PICIROSTRIS *Fab.* Dalmeny Park. Mr R. N. Greville.
cinerascens *Gyll. Steph.*
fuscirostris *Payk.*

AMALUS *Schön.*

A. SCORTILLUM *Herbst. Steph.* Near Edinburgh; Craiglockhart; Mortonhall; Dumfriesshire.
hæmorrhous *Herbst.*
Agricola *Payk.*
rubicundus *Panz.*

BALANINUS *Germ.*

B. NUCUM *Lin. Steph.* Dalmeny Woods. Mr R. N. Greville.
gulosus *Germ.* (not *Lat.*)

B. BRASSICÆ *Fab.* Dalmeny; Dollar; Berwickshire.
Salicivorus *Gyll. Steph.*
macropus *Oliv.*
arcuatus *Marsh.*
cinerascens *Lin.*
scutellaris *Steph.*
var. intermedius ♂ *Steph.*

ANTHONOMUS *Germ.*

A. ULMI *De Geer, Steph.* Raehills. Rev. W. Little. Dalmeny. Mr R. N. Greville.
pedicularius *Lin. Steph.*
avarus *Lat.*
clavatus *Dej.*
Bavarus *Schrank.*
fasciatus *Steph.*
Pomonæ *Germ.* (not *Lin.*)
Druparum, var. *Steph.* (not *Lin.*)

Not uncommon 1886.

Poplars between Botanic Gardens & Partick, near Maryhill: under bark in winter 1886.

A. INCURVUS *Panz.* (not *Steph.*)
Pomorum, var. *b Gyll. Steph.*
avarus *Dej.* (not *Lat.*)
var. humeralis *Panz.*
var. Cratægi *Chevrol.*
Occasional. Near Edinburgh; Rae-hills, &c.

A. PUBESCENS *Payk.*
Dalmeny. Mr R. N. Greville.

X A. RUBI *Herbst. Steph.*
clavatus *Marsh. Steph.*
obscurus *Steph.*
ater *Marsh. Steph.*
melanopterus *Marsh.*
perforatus *Herbst.*
brunnipennis, var. *Curtis.*
Near Edinburgh; Stirlingshire; Kinross-shire; Dumfriesshire; Berwickshire, &c. ? 1856

ELLESCUS *Meg. Dej.*

X E. BIPUNCTATUS *Lin. Steph.*
unipunctatus *Oliv.*
On sallows in autumn. Torwood, near Stirling; Raehills; Penmanshiel; Jardine Hall, &c. 1856

HYDRONOMUS *Schön.*

X H. ALISMATIS *Marsh. Steph.*
productus *Illig. Dej.*
On Alisma plantago in Botanic Garden, Edinburgh; Duddingston; Swinton; Glasgow. 1856

GRYPIDIUS *Schön.*

X G. EQUISETI *Fab. Steph.*
nigro-gibbosus *De Geer.*
gibbosus *Lat.*
Occasional. 1856

ERIRHINUS *Schön.*

NOTARIS *Germ. Steph.*

E. BIMACULATUS *Fab. Steph.*
Near Dumfries.

X E. ACRIDULUS *Lin. Steph.*
punctum *Fab.*
rigidus *Marsh.*
Occasional.

E. ÆTHIOPS *Fab.*
holomelanus *Herbst.*
Near Smailholm Tower. Mr R. Hislop.

DORYTOMUS *Germ.*

X D. VORAX *Fab. Gyll. Steph.*
ventralis *Dej. Steph.*
cursor *Payk.*
longimanus *Forst.*
longipes *Laich.*
On Lombardy poplars, near Edinburgh; Craigielands, Glasgow; Berwickshire, &c. 1856

D. COSTIROSTRIS *Schön.* — Dumfriesshire; near Edinburgh.
Tremulæ *Dej. Steph.* (not *Payk. Gyll.*)
bituberculatus *Zetter. Schön.*

D. AFFINIS *Payk. Steph.* — Dumfriesshire. Rev. W. Little.

✗D. TREMULÆ *Payk. Gyll. Schön.* (not *Steph.*) — Near Edinburgh; Girpel Linn, Dumfriesshire.
fumosus *Rossi.*
vecors ♂ *Schön. Steph.*
maculatus *Marsh.*

D. SALICINUS *Gyll. Schön.* — On willows, in Dumfriesshire. Rev. W. Little.

D. MAJALIS *Payk. Gyll. Schön.* (not *Steph.*) — Dumfriesshire. Rev. W. Little.

✗D. PECTORALIS *Panz. Steph.* — Berwickshire. Mr Hardy. ~~Dunoon. 1856.~~ Mr R. Hislop.
fructum *Manner.*
rubellus *Marsh.*
var. melanophthalmus *Payk. Steph.*

D. AGNATHUS *Dahl. Schön.* — Dumfriesshire. Rev. W. Little.
majalis *Steph.*

D. TORTRIX *Lin. Gyll. Steph. Schön.* — Lombardy poplars, Caroline Park, near Edinburgh; Dunse.
arcuatus *Steph.*

MAGDALINUS *Germ.*

TAMNOPHILUS *Schön.*
RHINODES *Schön. Dej.*
MAGDALIS *Steph.*

✗M. PHLEGMATICUS *Herbst.* — First discovered at Dalmeny, by Rev. W. Little. since taken in Kinross-shire, by Mr George A. Coventry.

✗M. CARBONARIUS *Fab. Steph.* — Black Forest, Rannoch, in Perthshire. Dr Nelson. Raehills. Rev. W. Little.

✗M. STYGIUS *Gyll.* — Dollar. Mr J. T. Syme.
aterrimus *Germ. Steph.* (not *Herbst.*)
Cerasi *Oliv.*
asphaltinus *Steph.*
atramentarius *Marsh. Steph.*

On Willows under bark in winter 1886.

Ayrshire. 1886. Mr. Duncan.

Paisley Moss Mr. Young 1886

Paisley Moss Mr. Young. 1886.

Cadyow Park R. H. 1886.

New Glasgow; Paisley; Inverary; Arran. 18

M. PRUNI *Lin.* (*Rhinodes Dej.*) *Steph.*
erythrocerus *Herbst.*
incognitus *Herbst.*
ruficornis *Lin. Schön.*
caliginosus *Steph.*
— Dalmeny Park. Mr R. N. Greville.

PISSODES *Germ.*

P. PINI *Lin. Steph.* (not *Panz.*) — In fir woods near Edinburgh; Fife-shire; Perthsh.; Forfarsh.; Kinross-sh.; Moraysh.; Aberdeensh.; &c.

P. NOTATUS *Fab.*
Pini *Oliv.*
castaneus *De Geer.*
Palmes *Herbst.*
brunneus *Panz.*
— Two specimens taken in Scotland by Dr Leach.

P. FABRICII *Leach.* — Banks of the North Esk, near Montrose. Rev. G. Little.

OTIORHYNCHUS *Germ.*

O. TENEBRICOSUS *Herbst. Steph.*
morio *Payk.* ♀
clavipes *Oliv. Lat.*
niger *Marsh.* ♂
ater *Gyll.* ♂ (not *Herbst.* nor *Steph.*)
scrobiculatus *Schön.* ♂
var. maritimus *Donovan.*
— Not common; but occasionally taken near Edinburgh; Dollar; East Lothian; Dumfriesshire.

O. EBENINUS *Schön.* — A few specimens taken in the west of Scotland. 1856 Mr R. N. Greville.

O. ATROAPTERUS *De Geer, Gyll. Steph.*
rotundatus *Lin.*
ater *Steph.: illust.*
niger *Steph.: man.* (not *Fab.*)
— Not rare on sandy coasts. Near Edinburgh; Ayrshire; East Lothian; Berwickshire, &c. 1856

O. MONTICOLA *Dej. Schön.*
lævigatus *Gyll. Steph.*
arcticus *Fab.*
— Mountainous parts of Scotland. Sutherland, Ross-shire, Forfarshire, Kinross-shire, East Lothian, Berwickshire, &c.

X O. PICIPES *Fab. Gyll. Schön.* — Common everywhere. 1856.
asper *Marsh.*
singularis *Steph. Schrank.*
squamiger *Marsh. Steph.*
septentrionis *Steph. man.*
(not *Herbst.*)
granulatus *Herbst.*
dentatus *Heer, Schön.*
notatus *Bon. Steph.*
vastator *Marsh.*
Marquardtii *Schön.*
Chevrolati *Schön.* var. minor.

X O. SULCATUS *Fab. Steph.* — Near Edinburgh, Dollar, &c.
griseo-punctatus *De Geer.*
strictus *Lin.*

X O. RUGIFRONS *Gyll. Steph.* — Generally distributed.
Dillwynii *Kirby, Steph.*
var. scaber *Steph.*

O. OVATUS *Lin. Steph.* — Generally distributed.
Rosae *De Geer.*
rufipes *Scop.*
Scopolii *Lin.*
vorticosus *Schön.*
pabulinus *Germ. Steph.*

O. SCABROSUS *Marsh. Steph.* — Dollar; Berwickshire; East Lothian, &c.
crispatus *Dej.*

X O. LIGNEUS *Oliv. Schön.* — Near Edinburgh; Little Ross. 1856
scabridus *Kirby, Schön. Steph.*

X O. MAURUS *Gyll. Steph.* — Summit of Hartfell; Halleath woods; Dunoon; Catlaw in Forfarshire.
Bructeri *Illig.*
demotus *Schön.*
Wiesurii *Parreyss.*
Silesiacus *Besser.*

OMIAS *Schön.*

OTIORHYNCHUS *Germ. Steph.*

BRACHYSOMUS *Steph.*

O. BOHEMANNII *Schön.* — Aytoun, Berwickshire. Mr Hardy.

X O. HIRSUTULUS *Fab. Steph.* — Scarce. Musselburgh; Dollar; Fife; Berwickshire.
scabriculus *Herbst.*
Scaber *Müller.*

Shores of Firth of Clyde, occasional. 1856.

"Isle of Arran" Stephens's Manual.
(near Douglas Castle (Mrs. Wollaston. 1856.

Dunoon Glen. 1856.

Inveray. 1856.

Paisley. 1886.

Ch trees. 1886.

Frequent on hedge banks. 1886.

O. BRUNNIPES *Oliv.* — Occasional.
piceus *Germ. Steph.*
gracilis *Beck.*
Araneiformis *Schrank.*

O. SULCIFRONS *Schön.* — Dalmeny Park; Girrick; Penmanshiel; Preston.

TRACHYPHLŒUS *Germ.*

T. SCABRICULUS *Payk. Gyll.* (not *Lin.*) — Rare. Berwickshire; Dumfriesshire. Mr Hardy. Rev. W. Little.
confinis *Steph.*
bifoveolatus *Beck.*
Viverra *Herbst.*

T. SCABER *Lin.* — Blackford hill, near Edinburgh; Dollar; sea-coast of Berwickshire, near Cockburnspath.
tesselatus *Marsh. Steph.*
echinatus *Dej.*

PHYLLOBIUS *Schön.*

PH. CALCARATUS *Fab.* — Generally distributed.
Pyri *Illig. Dej. Steph.*
cæsius *Marsh. Kirby, Steph.*

PH. ALNETI *Fab. Steph.* — Common on the nettle and umbelliferous plants in June. *1856.*
Pyri *Gyll. Schön.*
Cnides *Marsh. Kirby.*

PH. ARGENTATUS *Lin. Steph.* — Common.
sericeus *Pilare.*

PH. MACULICORNIS *Germ. Steph.* — Occasional.

PH. OBLONGUS *Lin (Nemoicus,) Steph.* — Common in woods, though somewhat local.
floricola *Herbst.*
Pruni *Scopola.*
Querneus *Fourc.*
fuscus *Larch.*
var. rufescens *Marsh.*

PH. VESPERTINUS *Fab.* — Common, and generally distributed. *1856*
Mali *Fab.*
fulvipes *Fab.*
amaurus *Marsh.*

PH. UNIFORMIS *Marsh. Schön.* — Common. *1856*
parvulus *Gyll. Steph.*
minutus *Steph.*
Pomonæ *Schön.*

PH. POMONÆ *Oliv. Germ. Steph.* — Abundant on nettles, &c. *1856.*
uniformis *Steph.*
albidus *Steph.*

X PH. VIRIDICOLLIS *Fab. Steph.* — Very local. Common on nettles near Edinburgh; East Lothian; Berwickshire. 1856

LIMOBIUS *Schön.*
PHYTONOMUS *Schön.*
HYPERA *Germ. Steph.*

L. DISSIMILIS *Gyll. Germ. Schön.* — Queensferry sea-shore, among Ononis arvensis. Dr Greville.
fulvipes *Steph.*
fumipes *Curtis.*

PHYTONOMUS *Schön.*
HYPERA *Germ. Steph.*
PLINTHUS *Lat.*

X PH. PUNCTATUS *Fab. Steph.* — Occasional. 1856
Austriaca *Herbst.*
media *Marsh.*

PH. FASCICULATUS *Herbst. Steph.* — Musselburgh. Dollar. *Ent. Edin.* Mr J. T. Syme.
fasciculosa *Gyll.*
Danei *Oliv.*

X PH. POLYGONI *Lin. Steph. Schön.* — Generally distributed.
fasciatus *De Geer.*
striatus *Herbst.*
cinereus *Oliv.*
Arator *Lin. Steph.*
canescens *Steph.*
Viciæ *Steph.*
picicornis *Steph.*

X PH. RUMICIS *Lin. Steph.* — On docks, near Edinburgh; Kinross-shire; Forfarshire; Berwickshire; Dumfriesshire, &c.
Acetosæ *Panz.*
pyrrhodactylus (*Procas,*) *Marsh. Steph.*

PA. MURINUS *Fab.* (not *Steph.*) — Sandy ground on coast of Firth of Forth, near Edinburgh; Dollar; Raehills.
nebulosa *Steph.*
elongata *Steph.* (not *Payk.*)
fuscocinerea *Marsh.*

PH. PLANTAGINIS *Dej. Steph.* — Dalmeny Park. Mr R. N. Greville.
villosula *Wilk. Steph.*

X PH. NIGRIROSTRIS *Fab. Steph.* — Common everywhere. 1856

PH. VARIABILIS *Herbst. Steph.* — Occasional, near Edinburgh; Little Ross; Kirkcudbrightshire; Dumfriesshire.
sublineata *Kirb. Steph.*
bimaculatus *Marsh.*
postica *Gyll.*
villosula *Wilk. Steph.*
stramineus *Marsh.*
phœopa *Steph.*
rufipes *Steph.*

Not uncommon. 1886.

Near Glasgow Botanic Gardens. 1886.

Near Glasgow. 1886.

Not uncommon under stones. 1886.

Helvin Bank. 1886.

PH. SUSPICIOSUS *Herbst. Schön. Steph.* — Near Edinburgh.
miles *Payk. Steph.*
bitæniatus *Marsh.*
pedestris *Payk. Steph.*

TROPIPHORUS *Schön.*

BARYNOTUS *Germ. Steph.*

BRACHYRINUS *Lat.*

T. MERCURIALIS *Fab. Schön. Steph.* — Occasional.
lapidarius *Payk.*
lepidotus *Herbst.*
obtusus *Bonsd. Lat.*
Suecicus *Lin.*
attenuatus *Dej.*
var. Terricola *Newm.*

LEIOSOMUS *Kirby, Steph.*

MOLYTES *Dej.*

L. OVATULUS *Clair.* — Occasional.
punctatus *Marsh. Steph.*
deflexus *Panz.*
crassicollis *Dej.*

HYLOBIUS *Schön.*

H. ABIETIS *Lin.* — Common on fir trees. 1816
Pini *Marsh.*
Juniperi *Stroem.*
excavatus *Schrank.*
Norvegicus *Petit.*
tigrinus *Fourc.*

H. PINASTRI *Gyll.* — Said to have been taken in Scotland by Dr Leach. *Ent. Edin.*

BARYNOTUS *Germ. Schön.*

GASTRODUS *Dej.*

MERIONUS *Steph.*

B. OBSCURUS *Fab. Steph.* — Common. 1851
murinus *Bonsd.*
honorus *Herbst.*
pilosus *Marsh.*
vagus *Laid.*

B. MŒRENS *Fab.* — Scarce. Lasswade; Roxburghshire; Dumfriesshire; Berwickshire.
Bohemanni *Gyll.*
elevatus *Marsh. Steph.*

LIOPHLÆUS *Germ. Schön.*

L. NUBILUS *Fab. Steph.*	Not rare. On umbelliferous plants.
tesselatus *Lat.*	
var. Maurus *Marsh. Steph.*	Forfarshire. Misses Lyell.

ALOPHUS *Schön.*

A. TRIGUTTATUS *Fab.*	Not common; but generally distributed.
cordiger *Sulz.*	
melanocardius *Herbst.*	
desertus *Panz.* (*Phytonomus*) *Sch.*	
♂ striatorostris *Marsh.*	
rufimanus *Marsh.*	

CLEONUS *Schön.*

C. SULCIROSTRIS *Lin. Steph.*	Rare. Occasionally taken on sandy spots near the shores of the Firth of Forth, and along the sea-coast near Cockburnspath.
(BOTHYNODERUS *Schön.*)	
C. ALBIDUS *Fab. Steph.*	Portobello, near Edinburgh. Dr Leach. *Steph. Illust.*
niveus *Bonsd.*	
candidus *Herbst.*	
affinis *Schrank.*	

POLYDRUSUS *Germ.*

P. UNDATUS *Fab. Steph.*	Not common. Roxburghshire; Dumfriesshire; Dollar; Pressmenan Wood, East Lothian, on the oak and birch; Berwickshire.
tereticollis *De Geer. Lat.*	
albofasciatus *Herbst.*	
cinereus *Schaller.*	
fulvicornis *Steph.* (not *Fab. Gyll.*)	
selenius *Marsh.*	
rufipes *Lin.*	
P. PTERYGOMALIS *Schön.*	Near Edinburgh, Dumfriesshire, Berwickshire.
flavipes *Marsh.*	
P. MICANS *Fab. Steph.*	Not common. Near Edinburgh, Dalkeith, Roslin, &c.; Lanarkshire, near Hamilton; Berwicksh.
(argentatus *Fourc.*) not *Oliver*	
P. CERVINUS *Lin. Steph.*	Local. Common on fir trees in Kinross-shire.
messor *Herbst.*	
var. maculatus *Herbst.*	
— atomarius *Dej.*	
griseoæneus *De Geer.*	

Not common near Glasgow 1886.

Near Hamilton; Arran. 1886.

Plentiful on hazel Kelvin bank. 1886.

Abundant at Cadzow 1886

Occasional at Cadzow. 1886.

Around Glasgow 1856.

SITONES *Schön.*

SITONA *Germ. Steph.*

S. GRISEUS *Fab.* (not *Steph.*) — Forfarshire. *Steph. Illust.*
palliatus *Oliv.*
fusca *Marsh. Steph.*

S. REGENTSTEINENSIS *Herbst. Steph.* — Near Edinburgh; Dollar, Kinross-shire, Aberdeen, Argyllshire, East Lothian, Berwickshire, &c. 1856
Ulicis *Kirby, Steph.*
Spartii *Kirby, Steph.*
femoralis *Steph.*
pleuritica *Steph.*

S. SULCIFRONS *Thunb. Germ. Schön. Steph.* — Common. 1856
campestris *Oliv.*
tibialis *Gyll. Steph.* (not *Herbst.*)
subaurata *Kirby, Steph.*

S. LINEATUS *Lin. Germ. Steph.* — Very common. 1856
squamosus *Lin.*
intersectus *Fourc.*
chloropus *Lin.*
ruficlavis *Marsh. Steph.*
griseus *Marsh.* (not *Fab. Steph.*)

S. FLAVESCENS *Marsh. Steph.* — Common. 1856
octo-punctatus *Schön.* (not *Germ.*)
nigriclavis *Marsh. Steph.*
caninus *Gyll. Steph.*
longiclavis *Marsh. Steph.*
griseus *Kirby, Steph.* (not *Fab.*)
lineatus *Fab.*

S. HUMERALIS *Kirby, Steph.* — Raehills, Dumfriesshire; Berwick-shire.
Pisi *Steph.*
promptus *Schön.*

S. HISPIDULUS *Fab. Steph. Schön.* — Near Edinburgh; Kinross-shire, Dumfriesshire, Berwickshire, &c.
pallipes *Steph.*

S. SUTURALIS *Steph.* — Dalmeny; Cramond; Berwickshire.
rufipes *Marsh.* (not *Lin.*)

S. TIBIALIS *Herbst, Germ. Schön.* Common.
chloropus *Marsh.*
lineellus *Gyll. Schön.* (not *Steph.*)
ambiguus (var.) *Schön.*
albescens *Kirby.*
affinis *Kirby.*
lineatulus *Kirby.*

S. CRINITA *Oliv. Steph. Schön.* Dalmeny Park. Mr R. N. Greville, and Rev. W. Little.
lineella *Steph.*
albescens *Steph.*
macularius *Marsh.*

SCIAPHILUS *Schön.*

S. MURICATUS *Fab. Steph.* Occasional. Near Edinburgh; Kinross-shire; Whittingham, East Lothian; Berwickshire, &c.
planirostris *Lin.*
asperatus *Lat.* (*Brachycerus.*)

STROPHOSOMUS *Bilb. Schön. Steph.*

CNEORHINUS *Schön. Dej.*

S. CORYLI *Fab. Steph.* Very common on hazel and fir. 1856
illibatus *Schön.*
var. obesus *Marsh. Steph.* Occasional. Near Edinburgh.
cognatus *Steph.*
subrotundus *Marsh. Steph.*
var. cervinus *Fab.* Dalmeny Park; Kinross-shire.
Asperifoliarum *Kirby, Steph.*
rufipes *Steph.*
nigricans *Steph.*
atomarius *Marsh. Steph.*
nebulosus *Steph.*
var. affinis *Dej.*
truncatus *Lat.*

S. RETUSUS *Marsh. Steph.* Near Edinburgh; Berwickshire; Raehills, &c.
squamulatus *Steph.* (not *Herbst.*)
alternans *Schön.*
oxyops *Schön.*

Occasional near Glasgow; Ayrshire. 1886.

Shores of Firth. 1856.

Near Dunoon 1856.

S. FABER *Herbst. Germ. Schön.* Not uncommon.
chætophorus *Steph.*
septentrionis *Steph.*
pilosellus *Gyll. Steph.*
limbatus *Dej. Marsh.* (not *Steph.*)

S. LIMBATUS *Steph.* Common.

CNEORHINUS *Schön.*

THYLACITES *Steph.*

PHILOPEDON *Schön. Steph.*

XC. GEMINATUS *Fab. Gyll. Steph. Schön.* Musselburgh Links; sea-coast, near Skateraw, East Lothian, and near Cockburnspath, Berwickshire.
albicans *Schön.*
parapleurus *Marsh. Steph.*
maritimus *Marsh.*
scrobiculatus *Marsh. Steph.*
globatus *Lat.*

RAMPHUS *Clair.*

XR. FLAVICORNIS *Clair. Dum.* Arthur Seat. Kinross-shire; Berwickshire, &c.
pulicarius *Steph.*

APION *Herbst, Steph.*

OXYSTOMA *Herbst, Steph.*

A. POMONÆ *Fab. Steph.* Dalmeny Park. Mr R. N. Greville, and Rev. W. Little.
cœruleum *Kirby.*
cyaneum *Panz.* (not *Gyll. Dej.*)

A. CRACCÆ *Lin. Steph.* Dalmeny Park. Mr R. N. Greville, and Rev. W. Little.
♂ ruficorne *Germ. Sahlb.*

A. SUBULATUM *Kirby, Germ. Steph.* Berwickshire; Roxburghshire; Dumfriesshire.

A. ÆNEUM *Fab. Steph.* Near Edinburgh; Dalmeny.

A. RADIOLUS *Kirby, Steph.* Common. Near Edinburgh; Dollar.
aterrimum *Gyll.*
var. æneum *Payk.*

A. ONOPORDI *Kirby, Steph.* Common. Dalmeny Park; Girrick; Raehills, &c.

A. GIBBIROSTRE *Gyll. Sahlb.* Berwickshire; Roxburghshire; Dalmeny.
Carduorum *Kirby, Dej. Steph.*

A. Hydrolapathi *Marsh. Steph.* cœruleopenne *Steph.*	Near Edinburgh ; Raehills.	
A. Ulicis *Forst. Steph.* (*Oxystoma Steph.*)	Generally distributed. Very plentiful on furze on Musselburgh Links.	
A. fuscirostre *Fab. Steph.* (*Oxystoma Steph.*) melanopum *Marsh. Steph.*	Juniper Green, near Edinburgh.	Mr R. N. Greville.
A. Malvæ *Fab. Steph.*	Near Edinburgh.	*Ent. Edin.*
A. Viciæ *Payk. Dej. Steph.* Griesbachii *Steph.* Trifolii *Lin.*	Near Edinburgh ; Dollar ; Berwickshire.	
A. varipes *Germ. Steph.* flavipes *Gyll.* flavifemoratum *Kirby.*	Dalmeny Park.	Mr R. N. Greville.
A. apricans *Herbst, Steph.*	Very common.	
A. flavipes *Fab. Steph.*	Common.	
A. æstivum *Germ. Sahlb. Steph.*	Raehills.	Rev. W. Little.
A. assimile *Gyll. Kirby, Steph.*	Dalmeny Park.	Mr R. N. Greville.
A. miniatum *Sahlb. Dej.* frumentarium *Steph.* (not *Lin.*)	Occasional throughout Scotland.	
X A. frumentarium *Lin. Gyll. Sahlb.* hæmatodes *Steph.* purpureum *Lat.* ferrugineum *Dej.*	More frequent. *1856*	
A. cruentatum *Walton.*	Near Penmansheil.	Mr. Hardy.
A. tenue *Kirby, Steph.*	Rare. Loanhead and Cramond ; Raehills.	
A. seniculus *Kirby, Steph.* tenuis *Dej. Gyll.* plebeium *Germ.* elongatum *Germ.*	Cramond.	Rev. W. Little.
A. Ononis *Kirby, Steph.* ♂ cinerascens *Germ.*	On Ononis arvensis. Near Edinburgh, North Berwick, Kinrossshire, Berwickshire, Dumfriesshire, &c.	
A. Ervi *Kirby, Sahlb. Steph.* var. Lathyri *Kirby, Steph.*	Common on Lathyrus pratensis near Edinburgh ; Dollar ; Berwickshire ; Dumfriesshire, &c.	

A. Loti *Kirby*, *Steph.*	Dalmeny Park; Berwickshire.	
A. virens *Herbst*, *Sahlb. Steph.* æneocephalum *Gyll.* cyaneum *Dej.* ♂ Marchicum *Steph.*	Generally distributed.	
A. punctigerum *Germ. Steph.* var. sulcifrons *Herbst.*	Dalmeny Park.	Mr R. N. Greville.
A. foveolatum *Kirby*, *Steph.* cyaneum *Gyll. Dej.*	Near Edinburgh.	Dr Greville.
A. Spencii *Kir. Steph.*	Arthur Seat, near Edinburgh; Berwickshire.	
A. Spartii *Kir. Steph.*	Rare, near Edinburgh.	*Ent. Edin.*
A. Astragali *Payk. Steph.*	Queensferry.	Dr Greville.
A. vorax *Sahlb. Steph.* ♂ fuscicornis *Marsh.* ♀ villosulum *Marsh.*	Common.	
A. pavidum *Germ. Steph.* Ervi var. γ *Steph.*	Dollar.	Mr J. T. Syme.
A. striatum *Kirby*, *Steph.* Pisi *Steph.* (not *Fab.*)	Not rare.	
A. Pisi *Fab. Schön.* gravidum *Oliv.* pasticum *Germ.* punctifrons *Steph.*	Common, and generally distributed.	
A. immune *Kirby*, *Steph.*	On broom and furze near Edinburgh; Berwickshire.	
A. humile *Germ. Sahlb. Steph.* brevirostre *Dej.* curtirostre *Steph. Germ.* Sedi *Gyll.*	Kinross-shire; Near Edinburgh; Stirling.	
A. minimum *Herbst.* velox *Steph.* crenatum *Dej.*	Raehills.	Rev. W. Little.
✕A. violaceum *Kirby*, *Sahlb. Steph.* Hydrolapathi *Dej.* cyaneum *Oliv.* (not *Panz.* nor *Gyll.*)	Generally distributed. *1856*	
A. Marchicum *Herbst*, *Sahlb.* violaceum *Dej.* (not *Steph.*) Rumicis *Steph. Germ.*	Near Edinburgh; Berwickshire; Dumfriesshire.	

A. AFFINE *Kirby, Germ. Steph.* Dumfriesshire; Cramond. Rev. W. Little.
A. SUBSULCATUM *Marsh. Steph.* Dalmeny; Berwickshire.

RHINOMACER *Fab.*

R. ATTELABOIDES *Fab. Steph.* Scarce. Dalmeny Park; Kirknewton; Peasedean; Howparkdean; near Swinton; Jardine Hall; Kirkpatrick Juxta; Rannoch, &c.

RHYNCHITES *Herbst, Steph.*

DEPORAUS *Leach, Steph.*

R. ÆQUATUS *Lin. Steph.* Slateford. *Ent. Edin.*
purpureus *Oliv.*

R. CUPREUS *Lin. Steph.* Kirkpatrick Juxta, on the mountain ash. Rev. W. Little.
æneus *Lat.*
punctatus *Herbst.*

R. MEGACEPHALUS *Germ.* Dalmeny Park; Girrick; Penmanshiel wood; Berwickshire; Raehills; Dumfriesshire, &c.
angustatus *Dej.*
Alliariæ *Steph.* (not *Fab. Dej.*)
Mannerheimii *Humm.*
laevicollis *Steph.*
cyaneopennis *Steph.*

R. PAUXILLUS *Germ. Steph.* Kirkpatrick Juxta. Rev. W. Little.

R. GERMANICUS *Herbst.* Dalmeny Park; Penmanshiel wood.
minutus *Herbst, Steph.*
arquatus *Dej.*
viridis *Mej.*

R. FRAGARIÆ *Sturm. Schön.* Penmanshiel wood; Berwickshire; Raehills; Dumfriesshire.
arquatus *Dej.*
æneovirens *Marsh. Steph.*
virescens *Zieg.*

R. NANUS *Payk.* Penmanshiel wood; Berwickshire; Raehills.
Alliariæ *Lin.*
cylindricus *Kirby, Steph.*

R. BETULETI *Fab. Herbst.* Roxburghshire and Dumfriesshire; Berwickshire
~~Betulæ~~ *Lin. Steph.* (*Deporaus Lea. Steph.*)

R. BETULÆ *Lin.* Roslin. *Ent. Edin.*
femoratus *Lat.*

R. OPHTHALMICUS *Steph.* Dollar. Mr J. T. Syme.

Paisley Moss Mr. Young 1856.

Kelvinside; In flowers of wood Hyacinth 1856

Near Hamilton & Kelvin. 1856.

Ayrshire Mr. Duncan. 1856.

Old fir logs & Palings. Glasgow.
Paisley; Inverary &c 1856.

Kelvin side; R.H. not common 1856

ATTELABUS *Lin.*

A. CURCULIONIDIS *Lin. Steph.* Dalmeny Park, Penmanshiel wood, &c.

APODERUS *Oliv.*

A. CORYLI *Lin.* Avellanæ *Lin. Panz. Steph.* Dalmeny Park; Beld Craig, near Moffat; Dumfriesshire; Berwickshire.

BRUCHUS *Lin.*

✗B. RUFIMANUS *Schön.* In beans, &c., in seed shops, Edinburgh.

✗B. PISI *Lin. Steph.* Glasgow, among pease (imported.) 1856 Mr Hislop.

FAMILY CERAMBYCIDÆ.

PHYMATODES *Muls. Redten.*

CALLIDIUM *Fab. Steph.*

PH. VARIABILIS *Lin. Steph.* A pair taken in the New Town of Edinburgh. Rev. W. Little.

ASEMUM *Esch.*

CALLIDIUM *Fab.*

✗A. STRIATUM *Lin. Steph.* Rare near Edinburgh; Dollar, &c.; Not scarce near Kirriemuir.

CLYTUS *Fab. Steph.*

✗C. ARIETIS *Lin. Steph.* quadrifasciatus *De Geer.* Lanarkshire & Hamilton. Mr J. Blyth. 1856.
Near Carnwath. Mr A. Hepburn.
Near Edinburgh. Sir Patrick Walker.

LEIOPUS *Serv.*

POGONOCHERUS *Mej. Steph.*

✗L. NEBULOSUS *Lin. Steph.* In woods near Edinburgh; Dalkeith Park; Roslin; Berwickshire, &c.

AEDILIS *Serv.*

ASTYNOMUS *Dej.*

ACANTHOCINUS *Panz. Steph.*

Æ. MONTANA *Serv. Mulst.* ædilis *Lin. Steph.*	Rare in most parts of Scotland; not scarce in Rannoch, Perthshire.
POGONOCHERUS *Mej. Dej. Steph.*	
P. HISPIDUS *Fab. Steph.*	Roslin. Dr Knapp.
P. PILOSUS *Fab. Steph.* hispidus *Panz.*	Moffat. Rev. W. Little.
MONOHAMMUS *Dej. Muls.* MONOCHAMUS *Serv. Steph.*	
M. DENTATOR *Fab. Steph.*	Taken alive in Glasgow — (a North American species.) 1854 Mr R. Hislop.
LAMIA *Fab. Serv.*	
L. TEXTOR *Lin. Steph.*	Rannoch, Perthshire. Mr Weaver and Dr Nelson. Argyllshire. 1856. Rev. George Little.
DORCADION *Dalman, Muls.*	
D. FULIGINATOR *Lin.*	A single specimen found creeping over wet sea-weed in St Andrews Bay. Dr Lowe.
ANÆREA *Muls.* SAPERDA *Fab. Steph.*	
A. CARCHARIAS *Lin. Steph.* punctata *De Geer.*	Sutherlandshire. A. Murray, per Mr A. Young.
SAPERDA *Fab. Steph.*	
S. SCALARIS *Lin. Steph.*	Rannoch, in Perthshire. Mr Weaver and Dr Nelson. Raehills. Rev. W. Little.
RHAGIUM *Fab.*	
R. BIFASCIATUM *Fab. Steph.*	In fir stumps, near Edinburgh; Clackmannan; Dollar; Dumfriesshire; Dunoon; Berwickshire.
R. INDAGATOR *Fab. Steph.*	Raehills; Rannoch.
R. INQUISITOR *Lin. Steph.*	Dumfriesshire; Berwickshire; Rannoch.
PACHYTA *Mej.*	
P. OCTOMACULATA *Fab. Steph.*	Once taken in Peasedean, Berwickshire. Mr Hardy.

Arran; rare. 1856.

Very common. 1856.

On Potamogeton; Possil ditches. 1886.

Rare on Sparganium Possil. 1886.

Not common. 1886.

STRANGALIA *Serv. Dej.*
Muls.
STENURA *Dej.*
LEPTURA *Lin. Steph.*

S. ARMATA *Herbst, Gyll.*
elongata *Rossi. Steph.* — Little Ross; Kirkcudbrightshire. Mr J. T. Syme.

S. QUADRIFASCIATA *Lin. Steph.* — Raehills; Dumfriesshire; Rannoch.

GRAMMOPTERA *Serv.*
Muls.
LEPTURA *Steph.*

G. LÆVIS *Fab. Steph.* — Peasedean, Berwicksh.; Midcalder.

G. RUFICORNIS *Fab. Steph.* — Colinton, near Edinburgh; Peasedean.

FAMILY DONACIADÆ.

DONACIA *Fab.*

D. CRASSIPES *Fab. Steph.*
striata *Panz.*
micans *Hoppe.*
aquatica var. b. *Lin.*
spinosa *De Geer.* — Mull. 1 specimen Mr R. Hislop. 1856.

D. BIDENS *Oliv.* (not *Dej.*)
clavipes *Payk.*
cincta *Germ. Steph.*
micans *Marsh.*
aquatica *Martyn.* — Duddingston Loch and Ravelrig; Coldingham Moor, Berwickshire.

D. DENTIPES *Fab. Steph.*
vittata *Oliv.*
fasciata *Hoppe.*
nitida *Lin.* — Dollar; Glasgow; Coldstream. 1856

D. LEMNÆ *Fab. Steph.*
marginata *Hoppe.*
vittata *Panz.*
limbata *Panz.*
lateralis *Bon.* — On aquatic plants in Duddingston Loch; Lochend.

D. SAGITTARIÆ *Fab. Steph.*
aurea *Hoppe.*
bicolor *Lin.* — On aquatic plants in ponds near Edinburgh; near Milngavie; near Glasgow. 1856

†X D. IMPRESSA *Gyll. Steph.* — Ayrshire. — Mr Hardy.

D. MENYANTHIDIS *Fab. Steph.* — Duddingston Loch. Scarce.
crassipes *Lin.* (not *Fab.*)
clavipes *Fab.*
simplex *Payk. Marsh.*

X D. LINEARIS *Hoppe, Steph.* — Common on reedy lakes and ponds.
simplex *Fab.*

†X D. TYPHÆ *Brahm.* — Near Glasgow. — Mr R. Hislop.
linearis var. b. *Gyll.*

X D. SIMPLEX *Fab. Steph.* — Braid ponds; Lochleven.
semi-cuprea *Panz.*
vulgaris *Lin.*

X D. SERICEA *Illig. Gyll.* — Dollar; Braid marshes; Berwickshire.
Proteus *Steph.*

HAEMONIA *Mej.*

MACROPLEA *Curt. Steph.*

H. ZOSTERÆ *Fab. Steph.* — Loch of Forfar. — Dr Gilbert M'Nab.
Ruppix *Germ.*
Schiodtei *Guérin.*
mutica *Fab.* (not *Payk.*)

FAMILY CHRYSOMELIDÆ.

DIVISION **LEMIDÆ.**

LEMA *Fab.*

CRIOCERIS *Geoff. Steph.*

L. RUGICOLLIS *Suffrian.* — On the Eden, near Nenthorn. Girrick. Mr Hardy. Mr Hislop.
puncticollis *Curtis, Steph.*
cyanella *Fab. Gyll.*

X L. CYANELLA *Fab. Steph.* — Occasional throughout Scotland.
var. A obscura? *Steph.* — Near Edinburgh. — Mr R. N. Greville.

X L. MELANOPA *Lin. Steph.* — Dollar; near Edinburgh; Penmanshiel.
Hordei *Fourc.*
cyanipennis *Duft.*

†X L. Asparagi Monkton Ayrshire Mr. Dunn

Taken by Mr. Duncan. 1856.

On Sparganium ramosum } Postil
on Sparganium simplex }

Monkton Mr. Duncan 1856.

Postil &c. not uncommon. 1856.

Rather common thistles. 1856.
not common 1856

Several specimens have been taken this Autumn.

Not uncommon on Thistles. 1856.

Campsie Fells occasional 1856.

Passing into imago end of August R.H. 1856.

Monkton 1856.
Very common. 1856.

Inverary; not common. 1856.
R.H.

Division CASSIDIDÆ.

CASSIDA *Lin.*

C. EQUESTRIS *Fab. Steph.* — Near Edinburgh; Dumfriesshire.
viridis *Lin.*

C. RUBIGINOSA *Illig. Steph.* — Kinross-shire; near Edinburgh; Dumfriesshire; East Lothian; Berwickshire.
prasina *Fab.* coll.
viridis *Fab.* coll.
vibex *Fab.* coll.

C. OBSOLETA *Illig. Steph.* — Cramond; Raehills; Penmanshiel; Girrick; Glasgow.
nebulosa *Fab.* (not *Lin.*)
exculpta *Charp.*

C. oblonga Illiger — on Atriplex banks of Aven opposite Dumbarton castle 185
Saliceti Marsham

Division GALLERUCIDÆ.

ADIMONIA *Laich.*

Galleruca *Fab. Steph.*

A. TANACETI *Fab. Steph.* — Occasional.

A. CAPREÆ *Lin. Steph.* — Among heather; plentiful in Autumn among Pentlands, near Edinburgh; Dollar; Dumfriesshire; Berwickshire, &c.

GALERUCA *Geoff. Steph.*

G. VIBURNI *Payk. Steph.* — Raehills. — Rev. W. Little.

G. NYMPHEÆ *Lin. Steph.* — Dollar; Berwickshire.

G. LINEOLA *Fab. Panz. Steph.* — Raehills. — Rev. W. Little.

G. CALMARIENSIS *Lin. Steph.* — Raehills. — Rev. W. Little.
Lythri *Gyll.*

G. TENELLA *Lin. Steph.* — Torwood; Raehills; Dollar; Berwickshire. 1856

AGELASTICA *Chev. Dej.*

Adimonia, *Schr. Steph.*

A. HALENSIS *Lin. Steph.* — Berwick-on-Tweed. — Dr Philip M'Lagan.
nigricornis *Fab.*

LUPERUS *Geoff. Steph.*

L. RUFIPES *Fab. Steph.* — Occasional.

L. FLAVIPES *Lin. Steph.* — Occasional.

ALTICA *Lin.*

Haltica *Illig. Steph.*
(Graptodera *Chev.*)

A. OLERACEA *Fab. Duft. Steph.* Generally distributed.

A. ERUCÆ *Fab. Steph.* Cramond, and near Portobello.
Lythri *Chev. Aubé.*

(PODAGRICA *Chev.*)

A. FUSCIPES *Fab.* Dumfriesshire. Rev. W. Little.

(CREPIDODERA *Chev.*)

A. EXOLETA *Lin.* Common. *1856*
flava *Lin. Steph.*
similis *Kirby, Steph.*

A. TRANSVERSA *Marsh.* Common. *1856*
ferruginea *Steph.*

A. RUFIPES *Lin. Steph.* Near Edinburgh; Dollar.
ruficornis *Ent: Heft.*

A. NITIDULA *Fab. Steph.* Raehills. Rev. W. Little.

A. HELXINES *Fab. Steph.* Near Edinburgh; Dollar; Dumfriesshire; Glasgow; Berwicksh., &c.
gaudens *Kirby, Steph.*
fulvicornis *Fab. Steph.*

A. PULCHELLA *Steph.* Dumfriesshire.
cyanea *Marsh. Steph.*
metallica *Duft.*
♂ aurata *Marsh. Steph.*

A. MODEERI *Lin. Steph.* Raehills. Rev. W. Little. Berwickshire. Mr Hislop.

(PHYLLOTRETA *Chev.*)

A. BRASSICÆ *Fab. Steph.* Raehills. Rev. W. Little.
4-pustulatata *Illig. Ent: Heft.*
4-guttata *Steph.*

A. FLEXUOSA *Ent: Heft. Steph.* Queensferry. Near Glasgow. *1856*

A. NEMORUM *Lin. Steph.* Very common. *1856.*

A. ATRA *Ent: Heft. Dej.* Raehills. Rev. W. Little.
obscurella *Illig. Dej. Steph.*

A. LEPIDII *Ent: Heft. Gyll. Steph.* Raehills. Rev. W. Little.

(APHTHONA *Chev.*)

A. EUPHORBIÆ *Fab. Gyll. Steph.* Raehills. Rev. W. Little.

A. ATROCŒRULEA *Steph.* Queensferry. Mr R. N. Greville.

A. PSEUDACORI *Marsh. Steph.* Near Edinburgh; Glasgow; Dollar; Dalmeny, on leaves of Iris Pseudacori.
violacea *Ent: Heft.*

Not uncommon on heather 1856.

Occasional Ayrshire. 1856.

Balaling. Inverary. Plentiful 1856.

Banks of Clyde. 1856.

Paisley. 1856.

Kilpatrick. 1856.

Throughout the district. 1856.

(BALANOMORPHA *Chev.*)

MANTURA *Steph.*

A. RUSTICA *Lin. Steph.* Occasional.
semi-ænea *Ent: Heft. Steph.*

A. OBTUSATA *Gyll. Steph.* Dollar; Raehills; Stitchell.

LONGITARSUS *Lat.*

THYAMIS *Steph.*

L. ANCHUSÆ *Payk. Gyll. Steph.* Raehills. Rev. W. Little.
tristis *Dej.*
convexa *Steph.*

L. APICALIS *Waterh.* Berwickshire. Mr Hardy.

L. HOLSATICUS *Lin. Ent: Heft.* Raehills; Dunoon. *1856*

L. QUADRIPUSTULATUS *Fab.* Raehills. Rev. W. Little.
Steph.
4-maculatus *Ent: Heft.*

L. OCHROLEUCUS *Marsh. Steph.* Occasional.

L. TABIDUS *Fab. Steph.* Common on Senecio Jacobea in autumn. *1856*

L. MELANOCEPHALUS *Gyll. Sch.* Near Edinburgh; Raehills; Berwickshire, &c.
picipes *Steph.*
confinis *Kirby, Steph.*
atricillus *Lin. Steph.*
atriceps *Steph.*

L. FEMORALIS *Marsh. Gyll. Steph.* Near Edinburgh; East Lothian, &c.

L. SUTURALIS *Marsh. Steph.* Occasional.

L. THORACICA *Kirby, Steph.* Not unfrequent.
fuscicollis *Kirby, Steph.*
dimidiata *Steph.*
atricornis *Steph.*

L. PALLENS *Kirby, Steph.* Arthur Seat; Raehills; Juniper Green, &c.

L. FUSCESCENS *Kirby, Steph.* Raehills.

L. LURIDUS *Gyll. Steph.* Common in autumn. *1856.*
castanea *Meg. Steph.*
brunnea *Duft. Steph.*
nigricans *Kirby, Steph.*

L. PULEX *Marsh. Steph.*	Dollar; Dalmeny Park, &c.	
L. HILARIS *Kirby, Steph.* pilaris *Curtis.*	Raehills.	Rev. W. Little.
L. PARVULUS *Payk. Gyll. Steph.*	Raehills.	Rev. W. Little.

PSYLLIODES *Lat.*

MACROCNEMA *Steph.*

P. HYOSCYAMI *Lin. Steph.*	Dalmeny.	Dr Greville.
P. CHRYSOCEPHALA *Lin. Steph.* rufilabris *Ent: Heft.* erythrocephala *Lin.*	Portobello; Dalmeny Park; Berwickshire.	
P. CUCULLATA *Illig.* Spergulae *Gyll.*	Queensferry; Penmanshiel.	
X P. RAPÆ *Illig. Steph.* Napi *Ent: Heft. Steph.* brunnipes *Meg. Steph.*	Common. 1816	
P. MARCIDA *Illig. Steph.*	Near Edinburgh; coasts of Berwickshire and East Lothian.	
P. PICICORNIS *Kirby, Steph.* apicalis *Steph.*	Raehills.	Rev. W. Little.
X P. PICINA *Marsh. Steph.*	Dalmeny Park; Cramond; Raehills; Swinton, &c.	
P. ERICAE *Ent: Heft. Steph.*	Portobello; Moffat Hills.	Mr J. T. Syme.
P. EXOLETA *Lin? Steph.* nigriceps *Kirby.*	Raehills.	Rev. W. Little.
P. PALLIDA *Zieg. ? Steph.*	Raehills.	Rev. W. Little.

CARDIAPUS *Curt. Steph.*

C. MATTHEWSII *Curt. Steph.*	Raehills.	Rev. W. Little.
C. HELIANTHEMI.	Raehills.	Rev. W. Little.

PLECTROSCELIS (*Chev.*) *Dej.*

CHÆTOCNEMA *Steph.*

P. DENTIPES *Ent: Heft. Steph.* concinna *Marsh.* picipes *Kirby, Steph.*	Occasional.	
X P. ARIDELLA *Payk. Steph.*	Not rare. 1816.	

ARGOPUS *Fisch. Dej.*

SPHÆRODERMA *Steph.*

A. TESTACEUS *Fab. Steph.*	Occasional.	
A. CARDUI *Kirby, Gyll.*	East Lothian.	Mr Hardy.

Near Glasgow Seemingly common. 1856.

near Milport RH. near Douglas Mc. Holbeton 1858

W M. Duncan 1858.

APTEROPODA (*Chev.*)
Redten.

SPHÆRODERMA *Steph.*

MNIOPHILA *Steph.*

A. CILIATA *Oliv.* Hederæ *Ill.* globus *Duft.* orbiculata *Marsh. Steph.* Graminis *Ent: Heft.*	Raehills; near Glasgow; Dumbarton. *1856*
A. MUSCORUM *Ent: Heft. Steph.* Gibbium *Melsh.* Leodiensis *Wesm.*	Not uncommon at Raehills; Edmondsdean, Berwickshire; plentiful near Bothwell. *1856*

DIVISION CHRYSOMELIDÆ.

TIMARCHIA (*Meg.*) *Lat.*

T. TENEBRICOSA *Fab.* laevigata *Duft. Steph.* (not *Dej.*)	Kirkcudbrightshire. Rev. Mr Lamb.

CHRYSOMELA *Lin.*

C. HÆMOPTERA *Lin. Steph.* Hottentota *Fab.*	Scarce. Near Edinburgh, Queensferry, Dollar, &c.
C. SANGUINOLENTA *Lin.* rubromarginata *De Geer.* distinguenda *Steph.*	Queensferry.
C. MARGINALIS *Duft.* var.	First found in the Orkney Islands, by Professor Edward Forbes; afterwards in great plenty, by Mr J. T. Syme.
C. MARGINATA *Lin. Steph.*	Rare. Near Edinburgh, Dumfriesshire, &c.
C. BANKSII *Fab. Steph.* rubrocuprea *Fourc.*	Ayrshire. Dr Gilbert M'Nab.
C. LAMINA *Fab.* laevicollis *Oliv.* heteropunctata *Meg.*	On the sea-coast at the foot of the Peaseburn, Berwickshire; Dumfriesshire.

C. FUCATA *Fab.* gemellata *Rossi.* Hyperici *Steph.* (not *Kinderm.*)	Rothesay; Berwickshire; Dumfriesshire. 1856.
C. VARIANS *Fab. Steph.*	Dollar; Linlithgow; Berwickshire; Dumfriesshire.
C. FULGIDA *Fab. Steph.* Graminis var. *Manner.* aurolimbata *Besser.*	Forfarshire; Argyllshire; Arran. 1856
C. GRAMINIS *Lin. Steph.*	Inveray. ? Mr. Blyth.
C. FASTUOSA *Lin. Steph.*	Common on Lamium album—a very brilliant variety found in Orkney and Western Islands.
C. STAPHYLÆA *Lin. Steph.*	Not uncommon. 1856
C. POLITA *Lin. Steph.*	Occasional.

LINA (*Meg.*) *Redten.*

MELASOMA (*Dillw.*) *Steph.*

L. POPULI *Lin. Steph.*	Rare. Near Edinburgh; Flisk; Dollar; Whittingham, East Lothian.
L. ÆNEA *Lin. Steph.*	On alders near Kirkpatrick Juxta, and abundant on the south bank of the Whitadder, above the Retreat.

GASTROPHYSA (*Chev.*) *Redten.*

PHAEDON (*Meg.*) *Steph.*

G. POLYGONI *Lin. Steph.*	Common.
G. RAPHANI *Fab. Steph.* viridula *Oliv.*	Common on dock leaves.

PHRATORA (*Chev.*) *Redten.*

PHAEDON *Steph.*

PH. VITELLINAE *Lin. Steph.* vulgatissima *Lin.* var. unicolor *Marsh. Steph.*	In great numbers on willow bushes. Not common.

Kelvin side R.H. 1856.

Firth of Clyde, Mr. Somerville. 1856.

Perhaps mistaken for fulgida.
On species of Jakopsis near Paisley R.H. 1856.

On mint by streams Mr. Kilpatrick &c. 1856.

Not very common 1856.
Abundant at Kilmun & Sandbank 1856.

Common on Willows & Poplars. 1856.

Grassy places overflowed by tide Kilpatrick
On Cowparsnep. 1856.

Banks of Clyde, Mr. Young, 1856.

Paisley &c. on Veronica Beccabunga. 1856
Bute on Caltha palustris not rare. 1858
Paisley &c. 1856.
occasional. 1856.

Rather plentiful on trees banks of the
Avon at Cadzow in June. RH. 1856.

PHAEDON (*Meg.*) *Redten.*

Ph. Betulae *Lin. Steph.* — Near Edinburgh.
parvulus *Duft.*

Ph. Tumidula *Kirby, Steph.* — Common. Generally distributed.
confinis *Kirby.*
gomphoceros *Leach.*
concinna *Steph.* ?

Ph. armoraciae

HELLODES *Fab. Steph.*

Phaedon *Meg. Steph.*

H. violacea *Fab.* — Edinburgh; Berwickshire; Dumfriesshire.
Beccabungae *Payk. Steph.*

H. Phellandrii *Lin. Steph.* — Near Edinburgh; Dumfriesshire; Berwickshire.

H. marginella *Lin. Steph.* — Not uncommon.

H. aucta *Fab. Steph.* — Scarce. Near Edinburgh; Dollar; Berwickshire; Dumfriesshire; Glasgow; Aberdeenshire.

1856

GONIOCTENA *(Chev.) Dej. Redten.*

Spartophila *(Chev.) Red.*

Chrysomela *Steph.*

(Spartophila *Chev.*)

G. Litura *Fab. Steph.* — Common on broom.
var. flavicans *Oliv.*

(Gonioctena *Chev.*)

G. rufipes *Payk. Steph.* — Raehills. Rev. W. Little.
fulvipes *Duft.*
10-punctata *Steph.* (not *Lin. Fab.*)

G. pallida *Fab. Steph.* — Near Edinburgh; Roslin; Whittingham; Dollar; Berwickshire.

CLYTHRA *Laicharting.*

C. laeviuscula *Ratzeb.* — Black Forest, Rannoch. Dr Nelson.
quadripunctata *Laich*, (not *Lin. Fab.* &c.)

CRYPTOCEPHALUS
Geoff.

C. SEXPUNCTATUS *Lin. Steph.* Raehills. Rev. W. Little.

C. MORAEI *Lin. Steph.* Sutherlandshire; Berwickshire. Mr James Wilson. Mr Hardy.

C. LINEOLA *Fab. Steph.* dispar *Payk.* Near Edinburgh. *Ent. Edin.* Rannoch. Dr Nelson.

C. VITTATUS *Fab. Steph.* Dalmeny Park. Mr R. N. Greville.

C. LABIATUS *Lin. Steph.* Occasional at Raehills; near Paisley.

FAMILY COCCINELLIDÆ.

CHILOCORUS *Leach,*
Muls.

C. BIPUSTULATUS *Lin. Steph.* fasciatus *Müll. Herbst.* frontalis *Thunberg.* Near Edinburgh; Craiglockhart; Raehills.

EXOCHOMUS *Redten.*
Muls.

CHILOCORUS *Dej. Steph.*

E. QUADRIPUSTULATUS *Lin.* 4-verrucatus *Fab. Steph.* lunulatus *Zschach.* Cassidioideus *Don.* hæmatideus *Chev.* Kinordy, Forfarshire; Penmanshiel wood, Berwickshire; Raehills.

ANISOSTICTA *Chev. Muls.*

COCCINELLA *Lin. Steph.*

A. NOVEMDECIMPUNCTATA *Lin. Steph.* Not common. Near Coates, and in some other places to the west of Edinburgh. *Ent. Edin.*

MICRASPIS *Chev. Muls.*

COCCINELLA *Lin. Steph.*

Near Inveray (Mr. Blyth, 1856.

Plentiful on Birch 1856.

Paisley cross Mr. Young. 1856.

In damp places amongst Moss; rare. 1856.

On Scotch firs; not rare near Paisley R.H. 1856.

M. DUODECIMPUNCTATA *Lin.* — Raehills. — Rev. W. Little.
Steph.
suturata *Gœze.*
18-punctata *Fuessly.*
16-punctata *Fourc.*
11-punctata *Gmelin.*

HYPERASPIS *Chev. Muls.*

COCCINELLA *Lin. Steph.*

H. RÈPPENSIS *Herbst. Steph.* — Cramond, near Edinburgh; Raehills; Torwood; Oban. RH. 1858.
♂ bipustulata *Thunb.*
♀ nigra *Zschach.*
♂ xanthocephala *Quensel.*
♀ marginella *Quens.*
marginella *Fab.*
♀ Stigma *Oliv.*
apicalis *Dufour.*

SCYMNUS *Kug. Redten, Muls. Steph.*

COCCINELLA *Lin. Fab.*

TRITOMA *Panz.*

SPHÆRIDIUM *Herbst.*

S. NIGRINUS *Kugel. Steph.* — Kinross-shire. A. Murray. — Raehills. Rev. W. Little.
minimus? *Müll.*
ater *Westm. Thunb.*
morio *Payk.*

S. ANALIS *Fab.* — Rare. Raehills. — Rev. W. Little.
ruficollis *Oliv.*
parvulus *Illig. Lat.* var. *e.*
abdominalis (*Mus. Berl.*)

S. DISCOIDEUS *Illig. Steph.* — Near Edinburgh; Berwickshire; Dumfriesshire; Stirlingshire.
suturalis *Westm. Thunb.*
limbatus *Kirby, Steph.*
discipennis *Sturm.*
var. pusillus *Müll.*
— atriceps *Steph.*
— Pini (*Byrrhus*) *Marsh.*
rufipes (*Meg.*)
plagiatus *Kullbug, Thunb.*
pilosus *Herbst.*

RHYZOBIUS *Steph. Muls.*
NUNDINA *Dej. Redten.*

R. LITURA *Fab. Steph.* Occasional.
var. hypomelanus (*Dermestes*) *Marsh.*
— Aurora *Panz.*
— coadnutus *Marsh.*
lividus *Oliv.*
chrysomeloides *Herbst.*
testaceus *Fab.*
fasciatus *Fab.*
pallidus *Marsh.*
Absinthii *Marsh.*

COCCIDULA *Kug. Red. Muls.*
CACICULA *Steph.*

C. RUFA *Herbst.* Occasional.
pectoralis *Fab. Steph.*
testacea *Kin. Thunb.*
rosea (*Silpha*) *Marsh.*

HIPPODAMIA *Chev.*
COCCINELLA *Lin. Steph. Redten.*

H. TREDECIMPUNCTATA *Lin.* Scarce. Near Edinburgh. *Ent. Edin.*
Steph.
trinacris *Fourc.*
14-punctata *Don.*

IDALIA *Muls.*
COCCINELLA *Lin. Steph.*

I. LIVIDA *De Geer.*
pallida *Thunb.*
obsoleta *Schneider.*
var. M-nigrum *Illig. Steph.* Kirkpatrick Juxta. Fir trees, Penmanshiel wood, Berwickshire.

I. BIPUNCTATA *Lin.* Common. 1556
dispar *Illig. Steph.*
var. 4-pustulata *Scop. Lin.*
— 6-pustulata *Scut. Lin.*

Occasional near Glasgow, Paisley, &c. 1856.

Not uncommon in damp grassy places near Glasgow. 1856.

Near Paisley 1856.

Renfrewshire, 1856.

In healthy places near woods. 1856.

Scotch Firs near Maryhill not rare
under bark in winter

Glasgow Green &c. 1856.

Renfrewshire & Lanarkshire. 1856.

COCCINELLA *Lin. Muls.*
Steph.

C. UNDECIMPUNCTATA *Lin.* Common.
Steph.
collaris *Payk.*

C. QUINQUEPUNCTATA *Lin.* Common.
Steph.

C. SEPTEMPUNCTATA *Lin. Steph.* Common.

C. VARIABILIS *Illig. Steph.* Very common.
14-punctata *Müller.*
13-maculata *Frst.*
subpunctata *Schrk.*
13-notata *Thunb.*
12-punctata var. *Zsch.*
— humeralis *Schall. Steph.*

C. CONGLOMERATA *Lin. Steph.* Raehills; Berwickshire.

C. HIEROGLYPHICA *Lin. Steph.* Occasional.

HARMONIA *Muls.*

COCCINELLA *Lin. Steph.*

H. IMPUSTULATA *Lin. Steph.* Near Dalkeith; Raehills.
rosea *De Geer.*
16-punctata *Scopoli.*
16-maculata *Fab.*
conglobata *Fourc. Oliv.*

MYRRHA *Muls.*

COCCINELLA *Lin. Steph.*

M. OCTODECIMGUTTATA *Lin.* Far from common. Near Edin-
Steph. burgh; Raehills; Berwickshire.

MYSIA *Muls.*

COCCINELLA *Lin. Steph.*

M. OBLONGOGUTTATA *Lin. Steph.* Not scarce.

ANATIS *Muls.*

COCCINELLA *Lin. Steph.*

A. OCELLATA *Lin. Steph.* Rare. Kinross-shire; Aberdeen-
shire; Berwickshire.

CALVIA *Muls.*

COCCINELLA *Lin. Steph.*

XC. QUATUORDECIMGUTTATA *Lin. Steph.* — Near Edinburgh; Berwickshire; Ayrshire; Raehills, &c. *1856.*

HALYZIA *Muls.*

COCCINELLA *Lin. Steph.*

H. SEDECIMGUTTATA *Lin. Steph.* — Roslin; Cramond; Raehills, &c.

THEA *Muls.*

COCCINELLA *Lin. Steph.*

T. PUNCTATA *Lin.*
vigintiduopunctata *Lin. Steph.* — Near Coates. *Ent. Edin.*

LASIA *Hope, Muls.*
COCCINELLA *Lin.*
SUBCOCCINELLA *Huber.*
CYNGETIS *Steph.*
EPILACHNA *Redten.*

L. GLOBOSA *Schneider, Steph.* — Berwickshire; Raehills.
24-punctata *Fab.*
gibbosa *Dumeril.*
25-punctata *Lin.*
♂ Saponariæ *Huber.*

FAMILY LYCOPERDINIDÆ.

ENDOMYCHUS *Panz.*

E. COCCINEUS *Lin. Steph.* — Near Edinburgh; Musselburgh; Pressmenan wood, East Lothian, and Penmanshiel wood, Berwickshire.

Cellars V.: Glasgow Ayrshire V.: 1856.

FAMILY BLAPSIDÆ.

BLAPS *Fab.*

B. MORTISAGA *Lin. Steph.* Generally distributed.

This insect is said not to be the true mortisaga but the Obtusa of Fabricius; Tho' Mr. Bold in Cat. Bol. Durham & Northumberland says he has the mortisaga (1 spec) from Scotland. p. 169. 1886

FAMILY OPATRIDÆ.

PHILAX (*Meg. Dej.*) *Brullé.*

PHYLAN *Steph.*

PH. CRENATUS *Dej.*
gibbus *Bonelli, Steph.* Ayrshire. Mr J. P. Duncan. 1858 Southerness. Sir Wm. Jardine.

BOLITOPHAGUS *Illig. Fab.*

B. RETICULATUS *Lin.* Black Forest, Rannoch. Mr R. Weaver.
crenatus *Fab.*
gibbus *Panz.*

FAMILY TENEBRIONIDÆ.

HETEROPHAGA *Dej.*
Redten.

ALPHITOBIUS *Steph.*

H. FAGI *Panz. Duft.* In a loaf in Glasgow. Mr Hislop. 1856
Oryzæ *Herbst.*
picipes *Steph.*
mauritanica *Dej. Steph.* ?

TRIBOLIUM *M'Leay, Steph.*

STENE *Steph.*

COLYDIUM *Herbst.*

T. CASTANEUM *Herbst. M'L. Steph.* Edinburgh, (probably introduced.) A. Murray.
ferrugineum *Fab. Steph.*
testaceum *Fab.*

TENEBRIO *Lin. Steph.*

T. MOLITOR *Lin. Steph.* — Edinburgh, &c.

T. OBSCURUS *Fab. Steph.* — Edinburgh; between Leith and Portobello; Dunse.

FAMILY HELOPIDÆ.

HELOPS *Fab.*

H. CÆRULEUS *Lin. Fab. Steph.* — Near Edinburgh. *Ent. Edin.*
chalybeus *Oliv.*
violaceus *Marsh.*

H. CARABOIDES *Panz. Steph.* — Scarce. Near Edinburgh; Dalkeith; Raehills; Little Ross; Kirkcudbrightshire.
striatus *Oliv.*
Dermestoides *Illig.*

FAMILY CISTELIDÆ.

CISTELA *Fab.*

C. MURINA *Fab. Steph.* — Common. *1856*
variabilis *Dahl.*
Reppensis *Herbst.*
Maura *Fab.*
fusca *Marsh.*

FAMILY SERROPALPIDÆ.

MELANDRYA *Fab.*

M. CARABOIDES *Lin. Steph.* — Woods about Ormiston, and near Musselburgh. *Ent. Edin.*
servata *Fab. Sturm.*

PYTHO *Lat.*

P. DEPRESSUS *Lin.* — Black Forest, Rannoch, Perthshire. Mr Weaver and Dr Nelson.
cœruleus *Panz.*
castaneus *Panz.*

Paisley. 1856.
Glasgow & Paisley. 1856. Mr. Blyth

Arran Mrs. J. P. McLean. 1856.

Resting at the mouth of a wasp's nest. 1856.

Common in flowers. 1856.
Occasional, 1856.

Common, 1856.

DIRCÆA *Fab.*

D. DISCOLOR *Fab.* — Black Forest, Rannoch, Perthshire. Mr Weaver.
lævigatus *Hellenius.*
Buprestoides *Payk.*
rufipes *Besser.*

ORCHESIA *Lat. Steph.*
HALLOMENUS *Payk.*

O. MINOR *Walker, Steph.* — New Lanark. Mr Walker. 1838.

FAMILY MORDELLIDÆ.

SCRAPTIA *Lat.*
SERROPALPUS *Illig.*

S. FUSCA *Lat. Steph.* — Kirkpatrick Juxta. Rev. W. Little.
sericea (*Dircæa*) *Sch.*

RIPIPHORUS *Fab.*
METÆCUS *Dej.*

R. PARADOXUS *Lin. Steph.* — Very scarce. Near Edinburgh; wall at Barnton Park in Sept.; Roslin; Ormiston; Bothwell Castle. 1838
angulatus *Weib.*

MORDELLA *Lin.*

M. ACULEATA *Lin. Steph.* — Very scarce. Taken near Roslin. *Ent. Edin.*

ANASPIS *Geoff.*

A. FRONTALIS *Lin. Steph.* — Near Edinburgh; Dalkeith Park; Berwickshire.
atra *Fallen.*

A. RUFICOLLIS *Geoff. Fab. Steph.* (not *Stev.*) — Occasional.
fuscicollis *Sturm.*

A. FUSCESCENS *Steph.* — Near Edinburgh. A. Murray.

A. MACULATA *Geoff. Dej.* — Common in summer.
obscura *Gyll.*
melanopa *Forst. Steph.*

A. FASCIATA *Forst. Steph.* — Near Edinburgh; Nenthorn, Berwickshire.
nigricollis *Marsh.*
var. biguttata *Marsh. Steph.* Dalkeith Park. A. Murray.

FAMILY CANTHARIDES.

MELOE *Lin.*

X M. PROSCARABEUS *Lin.* — Occasional. Near Edinburgh; Musselburgh; Water of Leith; near Glasgow. *1856*
vulgaris (*Proscarabeus*) *Steph.*
♀ punctata *Panz.*
Brunsviscensis *Meyer.*
tectus *Leach.*
atratus *Meyer.*
rugipennis *Mannerh.*
Tauricus *Dej.*
Volgensis *Tauscher.*
cyanellus *Dej.*
Gallicus *Dej.*

† X M. VIOLACEUS *Marsh. Gyll. Steph.* — Isle of Jura. *1856* — Mr Hislop.
proscarabeus *Panz. Rossi. Lat.*
similis *Marsh.*
Aprilinus *Meyer.*

FAMILY RHINOSIMIDÆ.

SALPINGUS *Illiger.*

SPHAERIESTES *Curtis, Steph.*

X S. ATER *Gyll. Steph.* — Near Edinburgh; Berwickshire; Cramond; Raehills; Glasgow.

X S. FOVEOLATUS *Lin. Steph.* — Dalmeny; Cramond; Raehills; Kinross-shire; Berwickshire.
immaculatus *Steph.*

RHINOSIMUS *Lat.*

SALPINGUS *Gyll. Steph.*

R. ÆNEUS *Oliv.* — Near Edinburgh. — Dr Greville.

X R. ROBORIS *Fab.* — Scarce. Berwickshire; Aberdeenshire.
ruficollis *Herbst. Gyll. Steph.*
rostratus *De Geer.*

X R. PLANIROSTRIS *Fab. Steph.* — Occasional.
fulvirostris *Payk.*

X R. RUFICOLLIS *Panz. Steph.* — Raehills. Rev. W. Little. — Paisley. Mr M. Young.
viridipennis (*Zeigl.*)

Kelvin side & Tolcross in may. 1856.
Monkton 1856.

Not common. 1856.
Paisley 1856.
Near Glasgow & Paisley 1856

Hamilton; Kelvinside; East of Garngad Hill
generally under bark of Beech. 1856.
Not uncommon 1856.

Seemingly rare. 1856.

Roseneath in spring. 1866.

FAMILY ANTHICIDÆ.

NOTOXUS *Geoff.*

N. MONOCERUS *Lin. Steph.* — Guillane Links, in plenty at the roots of Arundo arenaria. Mr Syme. Also on the sea-coast at Cockburnspath. Mr Hardy. And near St Andrews. Mr H. Goodsir.

ANTHICUS *Geoff.*

X A. FLORALIS *Fab. Payk.* — Near Edinburgh; common at dung-heaps. 1856
fuscus *Marsh. Steph.*
Pedicularius *Schrk.*
Formicoides *Fourc.*
Myrmecocephalus *Rossi.*
calycinus *Panz.*
Formicarius *Oliv.*
Umbellatorum *Dej.*
basalis *Villa.*

A. ATER *Panz. Payk.* — Raehills. Rev. W. Little. Aberdeenshire. Mr A. Blake.
Morio *Dej.* (not *Laferté.*)
fuscicornis *Dej.*
luteicornis *Dej.*
unicolor *Dej.*

X A. HUMILIS *Germ.* — Kilpatrick, Dumbartonshire. 1856 Mr Hislop.
Bremei *Laf.*
riparius *Dej.*

FAMILY SCYDMÆNIDÆ.

SCYDMÆNUS *Lat.*

X S. PUSILLUS *Müll. Steph.* — Generally distributed.
var. minutus *Gyll.* (not *Panz.*)
Panzeri *Dej.*
collaris *Keuz.*
nigripes *Marsh.*

S. ELONGATUS *Müll. Steph.* — Raehills. Rev. W. Little.

S. TARSATUS *Müll. Lap.* (*Eumi-erus.*) Dumfriesshire.
Hellwigii *Lat.*
minutus *Panz.* (not *Gyll.*)

FAMILY PSELAPHIDÆ.

PSELAPHUS *Herbst.*
Reich. Steph.

P. HEISII *Herbst.* Raehills. Rev. W. Little.
Herbstii *Erich. Steph.*

BRYAXIS *Leach, Steph.*

B. SANGUINEA *Fab. Steph.* Raehills. Rev. W. Little.
longicornis *Leach.*
♂ laminata *Motsch.*

B. JUNCORUM *Leach, Steph.* Near Penmanshiel, Berwickshire. Mr Hardy.

B. IMPRESSA *Panz.* Raehills. Rev. W. Little.
tripunctata *Kirby.*

B pussilata *Leach*

TYCHUS *Leach, Denny, Aubé, Steph.*

T. NIGER *Payk.* Raehills. Rev. W. Little.

BYTHINUS *Leach, Denny, Aubé, Steph.*

ARCOPAGUS *Leach. Steph.*

B. GLABRICOLLIS *Reich.* ♂ *Grich.* Raehills. Rev. W. Little.
clavicornis *Panz.*

B. PUNCTICOLLIS *Denny, Steph.* Raehills. Moss near Penmanshiel, Berwickshire.
♂ Chevrolatii *Aubé*,
regularis *Schmidt.*

B. BULBIFER *Reich.* Aberdeenshire. Mr Hardy.
♀ glabricollis *Gyll. Aubé.*

B. CURTISII *Leach.* Raehills. Rev. W. Little.

B. SECURIGER *Reich. Steph.* Raehills. Rev. W. Little.
macropalpus *Aubé.*
globulipalpus *Aubé.*

Renfrewshire 1856.

Paisley Mrs Young. 1856.

Hamilton. 1856.

Hamilton & Blantyre not uncommon 1856.

Not uncommon Blantyre Paisley &c. 1856

Kelvin, Cathcart, sometimes found in dead animals 18

Killermont. 1856.

B. BURRELLII *Denny*. — In moss from Craiglockhart.
luniger *Aubé*. — Paisley. Mr Young. Dr Greville. 1856

EUPLECTUS *Leach*, *Kirby*, *Steph.*

E. SIGNATUS *Reich.* — Cramond; near Penmanshiel, Berwickshire.
Kirbyi *Denny*.
unicolor *Kirby*.
nanus *Aubé*.

E. REICHENBACHII *Leach*, *Steph.* Berwickshire; Dumfriesshire.
Staphylinoides *Kirby*.

FAMILY STAPHYLINIDÆ.

MYRMEDONIA *Erichson*.

ALEOCHARA *Grav. Lat.*
ASTILBUS *Dill. Steph.*
DRUSILLA *Leach*, *Mannerheim*.
ZYRAS *Steph.*
PELLA *Steph.*

M. CANALICULATA *Fab. Erich. Steph.* — Heaths, and on the sea-coast; occasionally in ants' nests.

M. LIMBATA *Payk. Erich. Steph.* — Sea-coast near Cockburnspath, in nests of Formica flava. Mr Hardy.
divisus *Marsh*.
lævis *Grav.*
foveicollis *Dej*.

M. COLLARIS *Payk. Erich. Steph.* (*Bolitochara.*) — Lurgie loch, near Hume, Berwickshire. Mr Hislop.

AUTALIA *Leach*, *Steph.* *Erich.*

A. IMPRESSA *Oliv. Steph. Erich.* — In fungi. Queensferry; Dalmeny; Berwickshire; Kinross-shire.
plicata *Kirby*, *Steph.*
ruficornis *Kirby*, *Steph.*

A. RIVULARIS *Grav. Steph.* *Erich.* — Penmanshiel; Glasgow; Girrick, &c.
aterrima *Steph.*
angusticollis *Steph.*

FALAGRIA *Leach*, *Erich.*

F. SULCATULA *Gravenh. Steph.* *Illust.* — Near Edinburgh; Glasgow. 1856
Sulcata var. b. *Gyll. Steph.* *Man.*
polita *Curtis*.

F. OBSCURA *Gravenh.* — Near Paisley. 1856 Mr Young.

BOLITOCHARA *Mannerh. Erich. Steph.*

✗B. LUNULATA *Payk. Steph. Erich.* — Under bark. Howpark dean, and near Mellerstain, Berwickshire; Glasgow.

✗B. OBLIQUA *Erich. Steph.* — Under bark. Near Edinburgh; Berwickshire and East Lothian; Glasgow.

OCALEA *Erich. Steph.*

✗O. PICATA *Kirby, Steph.* castanea *Erich.* — Berwickshire; Edinburgh; Aberdeenshire.

CALODERA *Mannerh. Erich. Steph.*

✗C. NIGRICOLLIS *Payk. Erich. Steph.* — Rare. South Queensferry; Simprim, Berwickshire, &c.

✗C. LONGITARSIS *Kirby, Erich. Steph. (Ischnopoda.)* — Not uncommon.

TACHYUSA *Erich.*

T. UMBRATICA *Erich.* foveola *Leach, Steph. (Bolitochara.)* — Berwickshire and Aberdeenshire. Mr Hardy.

T. FRONTALIS *Kirby, Steph. (Ischnopoda.)* immunita *Erich.* ? — Banks of streams, Berwickshire; Aberdeenshire. Mr Hardy.

T. FLAVITARSIS *Sahlberg, Hardy.* — Rare. Presmennan lake, East Lothian. Mr Hardy.

T. CARBONARIA *Mannh. Hardy.* — Rare. Border of a pond near Swinton Hill, Berwickshire. Mr Hardy.

PHLŒOPORA *Erich.*

✗PH. CORTICALIS *Gravenh.* tenuis *Gravenh.* — Glasgow; Raehills. 1856

HOMALOTA *Erich.*

CALLICERUS *Grav.*
BOLITOCHARA *Steph.*

H. GRAMINICOLA *Grav. Erich. Steph.* linearis *Gyll.* longuiscula *Gyll.* longicornis var. b. *Gyll.* mœsta *Zetterstedt.* fracticornis *Lacord.* rufitarsis *Kirby, Steph.* — Berwickshire; Aberdeenshire; Kinross-shire.

Paisley. 1856.

at Kelvin side Vs. 1856.

Kelvin, Blantyre Vs 1856.

Paisley. 1856.

Kelvin Vs. 1856.

Farngate Hall, 1886.

H. VICINA *Kirby, Steph.* — Not common. Penmanshiel; Kinross-shire.
umbonata *Erich.*

H. ELONGATULA *Grav. Erich. Steph.* — Swampy places. Penmanshiel; Girrick.
terminalis *Grav.*
teres *Grav.*
complana *Mannerh.*
oblonga *Lacord.*
exilis *Mannerh.*
planiuscula *Mannerh.*
depressiuscula *Mannerh.*
elongata *Kirby, Steph.*

H. ANGUSTULA *Gyll. Erich. Steph.* — Rare. Banks of the Eye, Berwickshire. Mr Hardy.
pilosella *Steph.*
linearis var. *Grav.*

H. CIRCELLARIS *Grav. Erich. Steph.* — Beneath stones on moors, &c. Common.
cingulata *Kirby, Steph.*
ochropa *Kirby, Steph.*
contigua *Kirby, Steph.*

H. RUFESCENS *Kirby, Steph. Illust.* — Not common; under bark, and in Polypori, Berwickshire; Aberdeenshire; Kinross-shire.
circellaris var. *Steph. Man.*
var. nigricans *Kirby*, (*Steph. Cat.*)

H. BRUNNEA *Fab. Erich. Steph.* — In fungi. Howpark dean, and Mellerstain, Berwickshire; Dalmeny.
depressa *Gyll.*
nigriceps *Marsh.*
cinnamomea *Steph. Illust.*
zonalis *Kirby, Steph.*
atriceps *Kirby, Steph.*
thoracica *Steph.*

H. SERICANS *Grav. Gyll. Heer. Erich.* — Under sea-weed, and between fissures of rocks near high-water mark, Berwickshire; shores of Forth.
socialis var. *Erich.*

H. SOCIALIS *Payk. Erich. Steph.* — In fungi, &c. Common.
Boleti *Grav.*
sordidus *Marsh.*
castanoptera *Mannh.*
longicornis *Gyll.*
nigritula *Grav.*
euryptera *Steph.*
pallidipennis *Kirby.*
xanthoptera *Kirby, Steph.*
femorata *Marsh. Steph.*

H. AUTUMNALIS *Erich. Hardy.* Moist places. Edinburgh; East Lothian; Peterhead; Berwickshire; Kinross-shire.

H. PUSILLA *Grav. Steph.* Raehills. Rev. W. Little.

H. ANALIS *Grav. Erich. Steph.* Under stones on heaths, &c. Common.
bifoveolata *Mannh.*
inquinula *Kirby, Steph.*
foveolata *Kirby, Steph.*
venustula *Wilkin.*
nigro-fusca *Kirby, Steph.*

H. CAUTA *Erich. Hardy.* Not uncommon.

H. CELATA *Erich. Hardy.* With the preceding.

H. LONGICORNIS *Grav. Erich. Steph.* Not common. Berwickshire; Aberdeenshire; Kinross-shire.
validicornis *Mannh.*
consimilis *Kirby, Steph.*
fumosa *Wilkin.*

H. LIVIDIPENNIS *Mannh. Erich. Steph.* Edinburgh district; Berwickshire; Kinross-shire; Glasgow. 1856
livida *Erich. (Oxypoda.)*

H. FUNGI *Grav.* Edinburgh district. Dr Greville.
xanthopa *Kirby, Steph.*
tricolor *Kirby, Steph.*

H. HYGROPHILA *Hardy.* Borders of streams. Berwickshire; Kinross-shire; Aberdeenshire; Edinburgh district.

H. FOVEATOCOLLIS *Kirby, Steph.* Taken in Scotland by Messrs Turner and Hooker. *Steph. Illust.*

OXYPODA *Erich. Steph.*

O. RUFICORNIS *Grav.? Steph.* Raehills. Rev. W. Little.

O. UMBRATA *Gyll. Erich. Steph.* Dalmeny; Berwickshire; Kinross-shire; Glasgow.

O. LONGIUSCULA *Grav. Erich. Steph.* Peasedean, Berwickshire; Glasgow.
procerulea *Mannh.*

O. ALTERNANS *Grav. Erich. Steph.* Edinburgh district; Berwickshire; Kinross-shire, &c.
concinna *Leach, Steph.*

O. TESTACEA *Erich. Hardy.* Beneath bark of fir, Penmanshiel wood, Berwickshire. Mr Hardy.

O. BREVICORNIS *Kirby, Steph.* Penmanshiel; near Edinburgh.
cuniculina *Erich.*

Paisley. 1856.

Paisley 1856.

near Glasgow 1856.

In carcases frequents 1856.

Renfrewshire 1856.

ALEOCHARA *Grav. Erich. Steph.*

CERANOTA *Steph.*

POLYSTOMA *Steph.*

A. FUSCIPES *Fab. Erich. Steph.* Edinburgh; Berwickshire.
lata *Grav.*
recurva *Kirby.*

A. BREVIPENNIS *Grav. Erich. Steph.* Near Edinburgh. A. Murray.
carnivora *Gyll.*

A. NITIDA *Grav. Erich. Steph.* Generally distributed. 1856
bilineata *Gyll.*
immaculata *Kirby.*
biguttula *Kirby.*
agilis *Kirby.*
Cursor *Kirby. Steph. Holme.*

A. LANUGINOSA *Grav. Erich. Steph.* Common. 1856

A. MŒSTA *Grav. Erich. Steph.* Common.
fumata *Gyll.*
hæmorrhoidalis *Marsh.*
concolor *Kirby, Steph.*

A. RUFICORNIS *Grav. Erich.* Rare. Corstorphine; South Queensferry; Penmanshiel wood.
Daltoni *Kirby, Steph.*

A. MORION *Grav. Erich. Steph.* Not very common. Berwickshire.
exigua *Mannh. Steph.* Mr Hardy.
minutula *Kirby.*
pusilla *Kirby.*

A. OBSCURELLA *Grav. Erich.* Beneath sea-weed; frequent.
Steph.
sericea *Leach, Steph.*
dubia *Steph.?*
micans *Kirby, Steph.*
Kirbyi *Steph.*

PHYTOSUS *Rudd.*
Steph. Erich.

PH. SPINIFER *Rudd, Steph.* Among sand, beneath sea-weed;
Erich. sea-coast near Cockburnspath.
Mr Hardy.

DIGLOSSA *Haliday*, *Steph.*

D. MERSA *Hal. Steph.* — Taken along with *Micralymma brevipenne*, between layers of shale under high-water mark, at South Queensferry. A. Murray.

OLIGOTA *Mannh. Erich. Steph.*

O. PUSILLIMA *Grav. Erich. Steph.* — Rare. Penmanshiel. Mr Hardy.

GYROPHÆNA *Mannh. Erich. Steph.*

ENCEPHALUS *Steph.*

✗G. COMPLICANS *Kirby*, *Steph. Erich.* — Dalmeny; Penmanshiel wood.

✗G. NANA *Payk. Erich. Steph.* nitidula *Lacord.* fasciata *Marsh.* — Stirlingshire. 1856 Mr R. N. Greville.

✗G. BOLETI *Lin. Erich. Steph.* (*Bolitochara.*) — In agarics. Edinburgh; Howpark dean, Berwickshire.

PLACUSA *Erich.*

P. HUMILIS *Erich.* — Near Edinburgh. A. Murray.

MYLLÆNA *Erich. Steph.*

CENTROGLOSSA *Matthews*, *Steph.*

M. DUBIA *Mannh. Erich. Steph.* Conuroides *Matthews*, *Steph.* — Borders of gravelly streams. Berwickshire; East Lothian; and Edinburgh district.

✗M. MINUTA *Grav. Erich. Steph.* — In Sphagnum, Coldingham moor, Berwickshire. Mr Hardy.

M. GRACILIS *Heer*, *Hardy.* — Penmanshiel wood, Berwickshire, and in Aberdeenshire. Mr Hardy.

GYMNUSA *Karsten*, *Erich. Steph.*

near Glasgow 1856.

Killermont 1856.

Robroyston & Paisley 1856.

Renfrewshire 1856.

Bothwell; 1856.

G. BREVICOLLIS *Payk. Erich. Steph.* One specimen—border of a streamlet, Penmanshiel wood. Mr Hardy.
carnivora *Grav.*
excusa *Grav.* Reisenwetter Leban R.H. 1856.
HYPOCYPTUS *Schüp.*
Erich.

CYPHA *Kirby, Steph.*

H. LONGICORNIS *Payk. Erich. Steph.* In fungi, &c. Common.
acuminatum (*Scaphidium*) *Marsh.*
granulum *Grav.*
rufipes *Steph.*
globulus *Lacord.*

H. LÆVIUSCULUS *Mannh. Erich. Steph.* Raehills; Penmanshiel; Nenthorn.
longicornis var. *b. Gyll.*

H. PARVULUS *Steph.* Raehills. Rev. W. Little.

CONURUS *Erich. Steph.*

C. LITTOREUS *Lin. Erich. Steph.* Edinburgh; Polmont.
cellaris *Fab.*
pubescens *Pk.*
tomentosus *Rossi.*
bimaculatus *Fab. (Oxyporus.)*
angularis *Steph.*

C. PUBESCENS *Grav. Erich. Steph.* Near Nenthorn; Dumbarton. 1856 Mr Hislop.
sericeus *Lacord.*
var. testaceus *Fab.* (*Oxyporus.*)
var. Marshami *Steph.*

C. PYRRHOPTERUS *Steph.* On the sea-coast. Common.
lividus *Erich.*
obscuripennis *Kirby, Steph.?*

TACHYPORUS *Knoch.*
Erich. Steph.

T. OBTUSUS *Lin. Erich. Steph.* Common. 1856
analis *Fab.*
vernalis *Müller.*
dispar var. γ *Pk.*
chrysomelinus var. 2, *Walk.*
melanurus *Marsh.*
var.? nitidicollis *Steph.*

T. HYPNORUM *Fab. Erich. Steph.* Common.
nitidulus *Fab. Marsh.*
minutus *Fab.* (*Oxyporus.*)
marginatus *Panz.*
subtestaceus *Steph.* (*immature.*)
flavipes (*Steph.*) *Mus. Linn.*
(*Westwood.*)

T. CHRYSOMELINUS *Lin. Erich.* Common.
Steph.
melanocephalus *Fab.*
merdarius *Panz.*
marginellus *Marsh.*

T. RUFICOLLIS *Grav. Erich.* Edinburgh; Raehills; Berwickshire;
Steph. Aberdeenshire; Kinross-shire;
chrysomelinus var. 1, *a β* Glasgow. *1856.*
Rossi.
flavicollis *Kirby.*

T. PUSILLUS *Grav. Erich. Steph.* Not unfrequent.
atriceps *Steph.*
nigripennis *Steph.*
angustatus *Kirby?*
lateralis *Kirby, Steph.*

T. BRUNNEUS *Fab. Erich.* Somewhat scarce.
nitidulus *Oliv. Steph.*
abdominalis *Grav.*
scutellaris *Lacord.*
nitidus *Steph.*
testaceus *Steph.*
flavicornis *Kirby, Steph.*

TACHINUS *Grav. Erich.*
Steph.

T. SILPHOIDES *Lin. Erich. Steph.* Common. *1856*
suturalis *Panz.*
limbatus *Grav.*
marginalis *Grav.*
dispar var. *ζ* and *ε Payk.*

T. RUFIPES *De Geer, Erich.* Common. *1856.*
Steph.
pullus *Grav.*
signatus *Grav.*
laticollis *Gyll.*
pallens *Gyll.* (*Immature.*)
apicalis *Steph.*
fulvipes *Steph.*

near Glasgow & Paisley 1856.

Possil Y.S. 1856.

Kelvin, Cathcart &c. 1856

Near Glasgow 1856.

Tollcross 1856.

Rare 1856

Paisley moss Stewood near Glasgow 1856.

Kelvin &c. 1856.

T. HUMERALIS *Grav. Erich. Steph.*
cinctus *Marsh.*
scapularis *Steph.*
In fungi. Berwickshire; Edinburgh; Aberdeenshire; Kinross-shire.

T. SUBTERRANEUS *Lin. Erich. Steph.*
var. marginatus *Fab.*
bicolor *Grav.*
biplagiatus *Lacord.*
latus *Marsh.*
Edinburgh district; Raehills; Penmanshiel in spring.

T. BIPUSTULATUS *Fab. Erich. Steph.*
subterraneus *Payk.*
Raehills; near Edinburgh; Kinross-shire.

T. MARGINELLUS *Fab. Erich. Steph.*
laticollus *Grav.*
lævigatus *Marsh.*
intermedius *Mann.*
rufipes var. β *Payk.*
immaturus *Grav.*
marginatus *Don.*
Common. 1856

T. COLLARIS *Grav. Erich. Steph.*
corticinus *Grav.*
flavellus *Zetterstedt.*
Scarce. Edinburgh district; Cramond; Penmanshiel.

T. ELONGATUS *Gyll. Erich. Steph.*
aterrimus *Steph.*
Not common. Edinburgh district; Raehills; Jedburgh; Penmanshiel; Glasgow, &c.

BOLETOBIUS *Leach, Erich. Steph. p.*

MEGACRONUS *Steph.*

BRYOCHARIS *Lacord.*

B. ANALIS *Payk. Erich. Steph.*
Kinmerdarius *Gyll.* (*Tachinus.*)
Berwickshire; East Lothian; Kinross-shire; Glasgow. 1856

B. CINGULATUS *Mannerh. Erich. Steph.*
analis var. 1 and 3, *Grav.*
analis *Gyll.*
bicolor *Rossi.?* (*Oxyporus.*)
rufipennis *Steph.*
Glasgow; Torphichen. Mr Hislop.

B. ATRICAPILLUS *Fab. Erich. Steph.*
lunulatus *Fab. Lin.*
In agarics—not unfrequent. Edinburgh; Berwicksh.; East Lothian.

XB. TRIMACULATUS *Payk. Erich.* Edinburgh; Glasgow; Stirlingshire.
Steph.
littoreus *Pk.*
var. trinotatus *Erich.*
bimaculatus *Schrank.?*

B. ANGULARIS *Steph.* Edinburgh; Berwickshire; Aberdeenshire.
apicalis *Steph.*
exoletus *Erich.*

B. PYGMÆUS *Fab. Erich. Steph.* In fungi. Common.
thoracicus *Fab.*
melanocephalus *Marsh.?*
trimaculatus var. $\beta\,\gamma$ *Pk.*
merdarius *Runde.*
pallidus *Rossi.*
elegans *Matthews*, (*Erich.*)

MYCETOPORUS *Mannerh.*
Erich. Steph.

ISCHNOSOMA *Steph. Oliv.*

M. SPLENDENS *Marsh. Steph.* Edinburgh; Berwickshire.

XM. LEPIDUS *Knoch. Erich. Steph.* Dalmeny; Stirlingsh.; Berwicksh.;
punctato-striatus var. *a*, γ *Pk.* Mull. 1856
merdarius *Schrank.*
bimaculatus *Lacord.*
tristis *Grav.*

XM. SPLENDIDUS *Grav. Erich.* Scarce. Blackburn Rigg wood, Berwickshire; and in Aberdeenshire.
Steph.

OTHIUS *Leach*, *Erich. Steph.*

CAFIUS *Lacord.*

GYROHYPNUS *Mann.*

SAURIODES *Dej. Cat.*

XO. FULVIPENNIS *Fab. Erich.* Common.
Steph.
fulgidus *Pk. Steph.*
fulminans *Grav.*
ustulatus *Grav.* (not *Steph.*)

XO. MELANOCEPHALUS *Grav.* Not unfrequent.
Erich. Steph. Man.
angustus *Kirby*, *Steph. Illust.*
var. ater *Steph.*
ustulatus *Steph.* (not *Grav.*)

& Paisley 1856.

Occational near Glasgow: 1856.

Under stones in Grassy places, 1856.

In similar places, The dark var. in damp moory localities. 1856

Rather frequent throughout the district, 1856. X

On decaying vegetable matter. 1856.

Near Glasgow V.v. 1856.

Near Glasgow V.v. 1856.

Arran Mrs Donaldson Glasgow occasional 1856.

O. LÆVIUSCULUS *Kirby, Steph.* Raehills; sea-coast near Dunbar.
punctipennis *Lacord. Erich.* Kinross-shire.
obscurus *Leach? Steph.*

XO. PILICORNIS *Payk. Erich. Steph.* Beneath bark of decaying firs.
var. alternans *Grav. Steph.* Edinburgh; Raehills; Berwickshire; East Lothian; Glasgow.
nigriceps *Mannerh.*
affinis *Payk.*
glabricornis *Kirby, Steph.*

O. SCOTICUS *Kirby, Steph.* "Found in Scotland by Mr MacLeay." Kirby in *Steph. Illust.*

XANTHOLINUS *Dahl.*
Erich. Steph.
GYROHYPNUS *Kirby, Steph.*
EULISSUS *Mannerheim.*

X X. GLABRATUS *Grav. Erich.* Not unfrequent.
Steph.
fulgidus *Grav.*
nitidus *Panz.*
cruentatus *Marsh. Steph.*
relucens *Grav. Nordm.*
merdarius *Nordm.*
cadaverinus *Lacord.*

XX. PUNCTULATUS *Payk. Erich.* Common.
Steph.
elongatus *Fourc.*
fracticornis *Müll.*
var. ochraceus *Gyll. Steph.*
Heer.
angustatus *Kirby, Steph.*
quadratus *Kirby, Steph.*

XX. LINEARIS *Oliv. Erich. Steph.* Common.
longiceps *Grav. Steph.*
punctulatus *Schrank.*
var. ochraceus *Grav.*

LEPTACINUS *Erich. Steph.*
Man.
GYROHYPNUS *Steph. Illust.*

XL. PARUMPUNCTATUS *Gyll. Erich. Steph.* (*Xantholinus.*) Berwickshire; Aberdeenshire; south of Scotland.
semistriatus *Kirby, Steph.*

L. BATYCHRUS *Knoch. Erich. Steph.* quadrisulcus *Kirby, Steph.* var. diaphanus *Marsh. Steph.* longicollis *Kirby, Steph.* episcopalis *Lacord.* apicalis *Kirby?*	Aberdeenshire; south of Scotland.
L. LINEARIS *Grav. Heer.* batychrus var. *Erich.* sulcifrons *Kirby, Steph.* pusillus *Steph.*	Berwickshire; and elsewhere in the south of Scotland.

STAPHYLINUS *Lin. Erich.*

(CREOPHILUS *Kirby, Steph.*)

X ST. MAXILLOSUS *Lin. Erich. Steph.* balteatus *De Geer.*	Common throughout Scotland in carcasses. 1856
X ST. CILIARIS *Leach, Steph. Erich.*	Berwickshire. Mr Hislop and Mr Hardy. Island of Mull, where it seems to take the place of St. Maxillosus. 1856 Mr J. T. Syme.

(TRICHODERMA *Steph.*)

X ST. NEBULOSUS *Fab. Erich. Steph.* murinus *Mus. Linn.* (*Westwood.*)	Scarce. Aberdeenshire; Musselburgh; Berwickshire.
ST. MURINUS *Fab. Erich. Steph.*	Common. Edinburgh; Musselburgh; Sutherlandshire; Berwickshire.
ST. PUBESCENS *De Geer, Erich. Steph.*	Scarce. Edinburgh; Berwickshire. Commoner near Glasgow. 1856

(STAPHYLINUS *Steph.*)

X ST. ERYTHROPTERUS *Lin. Erich.* castanopterus *Grav. Steph.*	Not uncommon. Edinburgh; Aberdeenshire; Sutherlandshire; Lanarkshire.
X ST. CÆSARIUS *Cederheim. Erich.* erythropterus *Fab. Steph.*	Edinburgh district; Highlands of Perthshire. Common in Mull.

Notwithstanding the high authority of Erichson who recognises Ciliaris as a true species, I am unable to apprehend any specific distinc between it & maxillosus. 1856.

There seems to be a mistake as to L. murinus being common; I have seen only one Scotc specimen 1856.

Everywhere in Spring & autumn, runn upon the roads 1856. *
More frequent about coast, Kilmun Dunoon &c. 1856.

Rare throughout Britain 1886.

X ST. STERCORARIUS *Oliv. Erich. Steph.* — Rare. Edinburgh; Berwickshire; Sutherlandshire; Arran; Inverkeithing. 1856

ST. LATEBRICOLA *Grav. Erich.* æriceps *Kirby, Steph.* — Sutherlandshire. Mr James Wilson. — Berwickshire. Mr Hardy.

X ST. FULVIPES *Scop.* — Near Paisley. 1856 Mr M. Young.
bicinctus *Rossi.*
erythropus *Payk.*
tricolor *Grav.*
azureus *Ledebour.*

OCYPUS *Kirby, Erich.*

STAPHYLINUS *Steph.*

(GOERIUS *Leach, Steph.*)

X O. OLENS *Müll. Erich. Steph.* — Common near the sea-coast. 1856

X O. BRUNNIPES *Fab. Erich. Steph.* — Raehills; Berwickshire; Glasgow. 1856

X O. FUSCATUS *Grav. Erich.* — Rare. Edinburgh; Berwickshire; Tolcross; Kinross-shire. 1856
crassicollis *Grav.*
subpunctatus *Gyll.*
Morio *Gyll. Steph.*
politus *De Geer*,
Cantianus *Kirby, Steph.*
confinis *Kirby, Steph.*
(test. *Rudd.*)
semipolitus *Holme.*

X O. CUPREUS *Rossi. Erich.* — Common. 1856
æneocephalus *De Geer, Steph.*
æneicollis *Gyll. Steph.*
sericeus *Marsh.*
sericeocollis *Ménétries.*
strigatus *Nordm.*
puberulus *Runde.*
chalcocephalus *Holme.?*
picipennis *Hardy.*

(TASGIUS *Leach.*)

O. ATER *Grav. Erich.* — Rare. Berwickshire, one specimen. Mr Hardy.
fuscatus *Gyll. Steph.*
obscurus *Marsh.*
nigripes *Lacord.* (*Emus.*)
confinis *Curt.*
Uralensis *Mann.?*
Kirbyi, *Steph.* (*immature.*)

(ANODUS *Nordmann.*)

OCYPUS *Steph.*

O. MORIO *Grav. Erich.* (not *Steph.*)	Common. *1856.*	
edentulus *Block.*		
similis *Payk. Steph.* (not *Fab.*)		
angustatus *Kirby, Steph. Lacord.*		
fuscatus *Lacord.* (*Emus.*)		
obscurus *Runde.*		
picipes *Steph.*		

PHILONTHUS *Erich.*

PH. SPLENDENS *Fab. Erich. Steph.*	Generally distributed. *1856*	
æneus *Müll.*		
sextus *Schäff.*		
niger *Müll. ?*		
PH. INTERMEDIUS *Lacord. Erich.*	Very rare—one specimen near Edinburgh.	Dr Greville.
chalceus *Steph.*		
laminatus *Nordm.*		
var. æratus *Kirby, Steph.*		
PH. LAMINATUS *Creutz. Erich. Steph.*	Common. *1856*	
viridanus *Nordm.*		
æneus *Marsh. Steph.*		
coxatus *Curt.* (*immature.*)		
PH. CARBONARIUS *Gyll. Erich. Steph.*	Rare. Berwickshire.	Mr Hardy.
microcephalus *Steph.*		
nigritus *Runde.*		
PH. ÆNEUS *Rossi. Erich. Steph.*	Common. *1856*	
rotundicollis *Kirby, Steph.*		
politus *Steph. Kirby,* (*Fn. Bor. Americ.*)		
mandibularis *Kirby,* (*Fn. Bor. Americ.*)		
laticeps *Zetterstedt.*		
metallicus *Lacord.*		
similis *Marsh.*		
politus *Mus. Lin.* (*Westwood.*)		
var. atratus *Lacord.*		

Not uncommon near Glasgow. 1856.

Under stones in mossy places in woods
In Cow pastures &c. 1856.

PH. SCUTATUS *Erich.* — Edinburgh; East Lothian; Berwickshire; Kinross-shire.
cognatus *Steph. Illust.*
lucens *Steph. Man.*
rotundicollis *Ménétries.*

PH. DECORUS *Grav. Erich. Steph.* — Not uncommon.

PH. MARGINATUS *Fab. Erich. Steph.* — Common.

PH. UMBRATILIS *Grav. Erich. Hardy.* — Berwickshire; East Lothian; Kinross-shire.
subfuscus *Gyll. Steph.*

PH. VARIUS *Gyll. Erich. Steph.* — Common.
varians *Grav.*
carbonarius *Grav. Steph.*
chalcopterus *Marsh. Steph.*
pilipes *Kirby, Steph.*

PH. ALBIPES *Erich. Hardy.* — Rare. Penmanshiel; Prestonpans; south of Scotland.
nitens *Steph.?*
caliginosus *Steph.* (*Quedius.*)

PH. XANTHOLOMA *Grav. Erich. Steph.* — Beneath sea-weed—abundant.
lateralis *Kirby, Steph.* (*Cafius.*)
littoralis *Steph.* (*Cafius.*)
tessellatus *Steph.* (*Cafius.*)

PH. FUCICOLA *Leach, Erich. Curt. Steph.* — Sea-shore, Dalmeny. Rev. W. Little.

PH. CEPHALOTES *Grav. Erich. Steph.* (*Bisnius.*) — Rare. Edinburgh; Aberdeenshire; Berwickshire.
rotundiceps *Kirby, Steph.* (*Bisnius.*)

PH. FIMETARIUS *Grav. Erich. Steph.* — Common.
rigidicornis *Grav.*
lucidus *Steph.*

PH. SORDIDUS *Grav. Erich. Steph.* — Not common. Berwickshire; East Lothian; Edinburgh.
pachycephalus *Nordm.*

PH. FUMIGATUS *Erich.* — Raehills. Rev. W. Little.
atratus var. intermedius *Grav.*
obscurus *Steph.?*

✕Ph. sanguinolentus *Grav.* *Erich.* *Steph.* contaminatus *Grav.*	Rare.	Penmanshiel.	Mr Hardy.
Ph. bipustulatus *Panz.* *Erich.* *Steph.*	Edinburgh.		Rev. W. Little.
✕Ph. varians *Payk.* *Erich.* opacus *Grav.* bipustulatus var. 1, 2, 4–7. *Grav.* bimaculatus *Marsh.* lituratus *Kirby*, *Steph.* aciculatus *Steph.* bipustulatus var. b. *Grav.* var. a. varians *Fab.* opacus *Grav.* aterrimus *Marsh.* *Steph.* var. b. punctiventris *Kirby*, *Steph.* opacus *Steph.* var. c. obscuripennis *Kirby*, *Steph.* longicornis *Kirby*, *Steph.* scybalarius *Nordm.* fuscicornis *Nordm.* var. d. intaminatus *Kirby*, *Steph.* var. c. agilis *Grav.* *Steph.* parvicornis *Grav.* discoideus *Lacord.* suaveolens *Kirby*, *Steph.?* (*Gabrius.*)	Common.		
Ph. debilis *Grav.* *Erich.* lucidus *Grav.* fimetarius var. *Grav.* fuscicornis *Kirby*, *Steph.* (*Bisnius.*) agilis *Lacord.*	Rare.	Penmanshiel.	Mr Hardy.
✕Ph. ventralis *Grav.* *Erich.* *Steph.* immundus *Grav.* anthrax *Grav.*	Berwickshire; Aberdeenshire; Kinross-shire.		

Arran (Mr. Donaldson), 1856.

In cowpastures & about dunghills, 1856.

near Glasgow. 1856.

Near Glasgow, 1886.

Common in dampish places 1886.

By Kelvin among grass near fungi, In Berwickshire it frequently occurs amongst decaying chips of wood. 1886.

XPH. DISCOIDEUS *Grav. Erich. Steph.* (*Quedius.*) conformis *Lacord.* suturalis *Steph.* (*Quedius.*) testaceus *Grav.?*	Edinburgh; Berwickshire; Kinross-shire; Aberdeenshire; South of Scotland.
PH. FULVIPES *Fab. Erich.* mendax *Runde.* flavopterus var. a. *Fourc.?* rubripennis *Kirby, Steph.* corruscus *Steph.*	Berwickshire, and south of Scotland. *Ent. Edin.*
XPH. ATERRIMUS *Grav. Erich. Steph.* (*Gabrius.*) nigritulus *Grav.* pumilus *Mannerh.* pallipes *Kirby, Steph.* trossulus *Nordm.*	Not scarce.
XPH. PARUMPUNCTATUS *Erich.* punctus *Gyll.* minax *Kirby, Steph.* Watsoni *Kirby, Steph.* impressicollis *Steph.* puncticollis *Howitt, Steph.* (*Bisnius.*)	Not frequent. Berwickshire; Edinburgh; Hamilton; Kinross-shire.
PH. PROCERULEUS *Grav. Erich. Steph.* (*Xantholinus.*) planatus *Grav.*	Rare. Near Cockburnspath, Berwickshire. Mr Hardy.
PH. ELONGATULUS *Erich.* semipunctatus *Kirby, Steph.?* (*Gabrius.*)	Rare. South of Scotland; Kinross-shire. A. Murray.

QUEDIUS *Leach, Steph. Erich.*

MICROSAURUS *Dej. Steph.*

RAPHIRUS *Leach, Steph.*

PHILONTHUS *Heer.*

XQ. LATERALIS *Grav. Erich. Steph.*	Edinburgh district; Berwickshire; Glasgow; Kinross-shire.

XQ. FULGIDUS *Fab. Erich.*	Not common. Edinburgh; Glasgow; Kinross-shire, &c.	
var. a. *Elytris rufis.*		
fulgidus *Fab. Heer.*		
fuscipennis *Block.*		
rufitarsis *Marsh. Steph.*		
distinctus *Runde.*		
hœmopterus *Kirby, Steph.*		
hœmorrhous *Kirby, Steph.*		
humeralis *Kirby, Steph.*		
iracundus *Say.*		
floralis *Lacord.*		
assimilis *Nordm.*		
var. b. *Elytris concoloribus.*		
nitidus *Grav. Steph.*		
variabilis *Gyll. Steph.*		
mesomelinus *Marsh.*		
Grönlandicus *Zetterstedt.*		
occultus *Lacord.*		
XQ. IMPRESSUS *Payk. Erich. Steph.*	Not uncommon. *1856*	
cinctus *Payk.*		
marginellus *Marsh.*		
nitidus var. 6, *Grav.*		
XQ. MOLOCHINUS *Grav. Erich.*	Generally distributed. *1856*	
laticollis *Lacord.*		
picipennis *Payk. Steph.*		
Lapponicus *Zetterstedt.*		
lævicollis *Runde.*		
denudatus *Kirby, Steph.*		
XQ. FRONTALIS *Nordmann, Erich.*	Common everywhere. *1856*	
tristis *Steph.*		
†XQ. LAEVIGATUS *Gyll.?*	Inverary. *1856*	Mr Hislop.
XQ. FULIGINOSUS *Grav. Erich.*	Common. *1856*	
tristis *Grav.*		
dilatatus *Marsh.*		
picicornis *Kirby, Steph.*		
gracilis *Kirby, Steph.*		
XQ. PICIPES *Mannerh. Erich. Steph.*	Edinburgh district; Berwickshire; Glasgow. *1856*	
pyrrhopus *Kirby, Steph.*		
variicolor *Nordm.*		

Var a. near Cathcart. 1856.
Var b. near Lambhlang. 1856.

This I have also found in Rannoch; It does not seem to have occurred to any southern collector. 1856.

Not common, Bowling & Kelvin side; 1856

Inverary; apparently not common anywhere 1856.

Rejectamenta of Lakes & ditches; mud-
-dock; fossil; not unfrequent, 1856.

Possil & Tolcross. 1856.

On the banks of the Avon at Chatelherault;
one specimen. 1856.

Q. RUFICOLLIS *Steph.*	Edinburgh; Berwickshire; Aberdeenshire; Glasgow. 1836
Q. PELTATUS *Erich.* præcox *Erich.* (*Käf. Brand.*) attenuatus *Steph.*	Near Edinburgh. East Lothian; Kinross-shire, &c.
Q. SEMIOBSCURUS *Marsh. Steph.* mauro-rufus *Gyll.* umbrinus *Erich.*	Edinburgh; Berwickshire; East Lothian; Glasgow.
Q. MAURORUFUS *Grav. Erich. Steph.* attenuatus *Grav.* præcox *Gyll. Steph.*	Rather rare. Berwickshire. Mr. Hardy.
Q. PICIPENNIS *Steph.* semiobscurus *Erich.* (not *Marsh.*)	Rare. Edinburgh district; Penmanshiel.
Q. ATTENUATUS *Gyll. Erich.* nitipennis *Leach, Steph.* scintillans *Lacord.* var. rufipennis *Kirby, Steph.*	Generally distributed.
Q. BOOPS *Grav. Erich. Steph.*	Not uncommon.
Q. FUSCIPES *Kirby, Steph.*	Rare. Near Edinburgh. Mr R. F. Logan.
Q. AURICOMUS *Kiesenwetter.* (Stett. Ent. Zeit. 1850.) scintillans *Hardy.* (Ber. Club Trans.)	Rare. Berwickshire; near Hamilton.
Q. SCINTILLANS *Grav. Erich.* ??	Berwick. Mr Hislop.
CRYPTOBIUM *Mannerh. Erich. Steph.*	
C. FRACTICORNE *Mannerh. Erich. Steph.*	Rare. Lurgie loch, near Hume Castle; Torwood, Stirlingshire. 1856. Mr Hislop.
LATHROBIUM *Grav. Erich. Steph.*	
L. BRUNNIPES *Grav. Erich. Steph.* dentatus *Marsh.*	Common. 1858

XL. ELONGATUM *Lin. Erich. Steph.* Common. 1856
atriceps *Kirby, Steph.* (*immature.*)

XL. FULVIPENNE *Grav. Erich. Steph.* Common. 1856
elongatum *Lacord.*

XL. MULTIPUNCTUM *Grav. Erich. Steph.* Rare. Berwickshire; Mull.
lineare *Grav.*
testaceus *Oliv.* (*Pæderus.*)
punctatostriatum *Kirby, Steph.*

XL. QUADRATUM *Payk. Erich. Steph.* Cramond; Raehills; Berwickshire; Kinross-shire.
filiformis *Payk.* (*Pæderus.*)
pilosum *Grav.*
var. terminatum *Grav. Curt.*

L. FILIFORME *Grav. Erich. Steph.* Dalkeith; Duddingston; Cramond. *Ent. Edin.*
lineare *Gyll. Steph.*

X L. LONGULUM *Grav. Erich. Steph.* Very rare. Sea-coast of Berwickshire; Mull. 1856 R. H.
minutum *Sahlb.*

LITHOCHARIS *Dej. Erich.*

MEDON *Steph.*

SUNIUS *Steph.*

PÆDERUS *Grav.*

L. MELANOCEPHALA *Fab. Erich. Steph.* Near Dumfries and Raehills. Rev. W. Little.
tricolor *Marsh.*
bicolor *Oliv.*
ruficorne *Latr.* (*Lathrobium.*)

XL. OCHRACEA *Grav. Erich. Steph.* Berwickshire; Mid-Lothian; Aberdeenshire.
rubricollis *Grav. Steph.*
testacea *Lacord.* ?

4 near Mugdock R.H. 1886.

with Quedius semiobscurus. 1886.

Foot of Garngad Hill, east end. 1886.

Near Dumbarton & Glasgow. 1856.

Near Dumbarton Paisley. 1856.

In an apple from Port Dundas, May have been imported. R. H. 1856.

A very doubtful native. 1856.

Kelvin, & Clyde. 1856.

Kelvin. 1856.

Near Paisley, R. H. 1856.

STILICUS *Latr. Erich.*
RUGILUS *Leach.*

XS. AFFINIS *Erich. Hardy.* — Berwickshire; Dalmeny Park.

S. PUNCTIPENNIS *Kirby, Steph.* — Moffat. — Rev. W. Little.

XS. ORBICULATUS *Payk. Steph. Erich.* — Edinburgh; Cramond; Berwicksh.

SUNIUS *Leach, Erich.* (not *Steph.*)
ASTENUS *Dej. Steph.*

XS. ANGUSTATUS *Fab. Erich. Steph.* gracilis *Payk.* — Rare. Edinburgh district; Dumfriesshire; Berwickshire; East Lothian; Kinross-shire.

S. BRUNNEUS *Kirby, Steph.* — Kinross-shire. — A. Murray.

PÆDERUS *Fab.*

P. LITTORALIS *Grav. Steph.* — Rare. Near Edinburgh. — *Ent. Edin.*

DIANÖUS *Leach, Steph. Erich.*

XD. CŒRULESCENS *Gyll. Erich. Steph.* biguttatus *Ljungh.* (*Stenus.*) rugulosus *Steph.* — Not common. Near Edinburgh; near Glasgow, Berwickshire; East Lothian; Dumfriesshire, &c.

STENUS *Lat.*

St. BIGUTTATUS *Lin. Erich. Steph.* bipustulatus *Ljungh.* — South of Scotland.

XSt. GUTTULA *Müller, Erich. Steph.* Kirbyi *Leach, Gyll. Curtis.* biguttatus, var. *Grav.* — Banks of streams. Near Edinburgh; Berwickshire; south of Scotland.

XSt. BIMACULATUS *Gyll. Erich. Steph.* Juno *Grav. Lacord.* biguttatus *Marsh. (Steph.)* — Berwickshire; south of Scotland.

St. JUNO *Fab. Erich. Steph.* clavicornis *Fab.* buphthalmus *Latr.* Boops *Grav.* — Wet places—common. Edinburgh; Berwickshire, &c.

St. BUPHTHALMUS *Grav. Erich. Steph.* Boops *Ljungh.* clavicornis *Panz.* canaliculatus *Lacord.* palposus *Zetterst.?*	Near Edinburgh. Kinross-shire; Berwickshire; south of Scotland.
St. PUSILLUS *Kirby, Steph.* exiguus *Erich.*	Common. Edinburgh; Berwickshire; Stirlingshire, &c.
St. NANUS *Steph.* pusillus *Erich.*	Common. Edinburgh; Kinross-shire; Berwickshire; Aberdeenshire; south of Scotland.
St. BOOPS *Gyll. Steph. Heer.* clavicornis *Scop. Steph.* buphthalmus *Schrank.* Cicindeloides *Ljungh.* nigricornis *Kirby, Steph.* speculator *Lacord. Erich.*	Common. Edinburgh; Berwickshire, &c.
St. NIGRITULUS *Gyll. Erich.* unicolor *Kirby, Steph.*	South of Scotland. Rev. W. Little.
St. BINOTATUS *Ljungh. Gyll. Erich.* lævior *Kirby, Steph.*	Borders of ponds. Edinburgh; Swinton, Berwickshire; south of Scotland.
St. PUBESCENS *Kirby, Steph.* subimpressus *Erich.*	Borders of ponds; Edinburgh. near Swinton; south of Scotland.
St. PALLITARSIS *Kirby, Steph.* binotatus, var. b. *Gyll.* plantaris *Erich.*	Edinburgh district; Kinross-shire.
St. NITIDUS *Kirby, Steph.* phæopus *Kirby, Steph.?* plancus *Erich.*	Near Swinton, Berwickshire. Mr Hardy.
St. PICIPES *Kirby, Steph.* rusticus *Erich.* obliquus *Heer.*	Near Edinburgh. Berwickshire; Aberdeenshire; Kinross-shire.
St. NITIDIUSCULUS *Kirby, Steph.* tempestivus *Erich.*	Sides of streams and wet marshes. Berwickshire; Aberdeenshire; near Edinburgh; Kinross-shire, &c.
St. IMPRESSUS *Germ. Erich.* proboscideus *Germ.* Aceris *Kirby, Steph.*	Common. Edinburgh; Aberdeenshire; Berwickshire; Kinross-shire, &c.

St subaeneus Erich.
gonymelas Kirby. Steph
geniculatus. Steph

Near Glasgow. 1856.

Near Glasgow & Mull, 1856.

Garngad Hill; Mull, 1856.
Mugdock Loch. 1856.

Mull 1856.

Mugdock Loch & Banks of Clyde. 1856.

Renfrewshire Edb. F. & Lanarkshire. 1856.

Mull 1856

St. PROBOSCIDEUS *Gyll. Heer.* canaliculatus *Kirby, Steph.* palustris *Erich.*	Marshes. Edinburgh; Berwickshire; south of Scotland.
St. PALLIPES *Grav. Erich.* immunis *Marsh. Steph.*	Moffat; Nenthorn and Mellerstain.
St. FLAVIPES *Kirby, Steph.* filum *Erich.*	Penmanshiel and Nenthorn; near Edinburgh.
St. TARSALIS *Ljungh. Erich. Steph.* buphthalmus *Ljungh.* clavicornis *Grav.* riparius *Runde.* nigriclavis *Kirby, Steph.* rufitarsis *Kirby, Steph.* flavitarsis *Wilkin. Steph.*	Rare. Raehills; Blackburn Rigg wood, Berwickshire.
St. OCULATUS *Gyll. Erich. Steph.* similis *Herbst.* clavicornis *Marsh.*	Common.
St. CICINDELOIDES *Grav. Erich. Steph.* buphthalmus *Rossi.* clavicornis *Rossi.* biguttatus, var. *Oliv.* (*Pæderus.*) similis, var. β. *Ljungh.*	Rare. Near Ormiston. Dr J. Howden.
St. FULVICORNIS *Kirby, Steph.* paganus *Erich.*	In moss. Penmanshiel. Mr Hardy.
St. BRUNNIPES *Kirby,* latifrons *Erich.*	Common.
BLEDIUS *Leach.* HESPEROPHILUS *Steph.*	
B. FRACTICORNIS *Payk. Erich. Steph.* Gallicus *Grav.* pallipes *Lacord.*	
var. *Elytris rufis.* tricornis var. minor *Grav.*	Near Swinton hill, Berwickshire. Mr Hardy.
B. OPACUS *Block. Erich.* castaneipennis *Mannerh.* hœmopterus *Kirby, Steph.*	Rare. Sea-coast near Cockburnspath. Mr Hardy.

X B. SUBTERRANEUS *Merkel, Erich. Hardy.*	Banks of streams. Clyde; Berwick-shire; Inveresk; south of Scotland. 1851

PLATYSTETHUS *Mannerheim.*

X P. MORSITANS *Payk. Erich. Steph.* trilobus *Oliv. Steph.* pallidipennis *Panz. Heer.* arenarius *Fourc.* striolatus *Lacord.* mordax *Sahlb.* sulcatus *Marsh. Steph.* brunnipennis *Steph.*	Common. 1856

OXYTELUS *Grav.*

X O. RUGOSUS *Fab. Erich. Steph.* carinatus *Panz. Steph.* piceus *Oliv.* striatus *Ström.* sulcatus *Fourc.* var. pulcher *Grav. Steph.* terrestris *Lacord.* laqueatus *Marsh.*	Common. 1856
O. SCULPTUS *Grav. Erich.* longicornis *Mannerheim.* antennatus *Kirby, Steph.*	Edinburgh; Kinross-shire; Berwick-shire; south of Scotland.
X O. SCULPTURATUS *Grav. Erich. Steph.* flavipes *Lacord.*	Common. 1856.
O. NITENS *Marsh. Steph.* luteipennis *Erich.*	Edinburgh; Berwickshire; Dunbar; south of Scotland.
O. FLAVIPES *Steph.*	Sea-coast near Cockburnspath. Mr Hardy.
O. NITIDULUS *Grav. Erich. Steph.* piceus *Schrank.* piceus var. pygmæus *Payk.* rugulosus *Say.* ruficrus *Kirby, Steph.*	Edinburgh; Berwickshire; Whittingham; south of Scotland; Aberdeenshire; Kinross-shire.

Near Glasgow, 1856.

Near Glasgow in spring; Killermont & Garscube. 1856

O. PALLIPES *Kirby, Steph.* depressus *Gyll.* complanatus *Erich.* — Edinburgh; Dunbar; south of Scotland.

O. DEPRESSUS *Grav. Erich. Steph.* pusillus *Mannerh. Steph.* tetracarinatus *Block.* — Common. 1836

TROGOPHLÆUS *Mannerh.*

OXYTELUS *Gyll.*
CARPALIMUS *Steph.*
TÆNODOMA *Mannerh.*
TRENOSOMA *Steph.*

T. SCROBICULATUS *Erich.* — Stichell Linn. — Mr Hislop.

T. BILINEATUS *Kirby, Steph. Erich.* corticinus *Gyll.* var. inquilinus *Erich.* — Edinburgh; Berwickshire; Aberdeenshire; south of Scotland.

T. FULIGINOSUS *Grav. Erich. Steph.* — Penmanshiel. — Mr Hardy.

T. PUSILLUS *Grav.* (*Aleochara*) *Erich. Steph.* fuliginosus *Gyll.* corticinus *Lacord.* picipennis *Kirby, Steph.* — Berwickshire; Aberdeenshire.

THINOBIUS *Kiesenwetter.*

TH. LONGIPENNIS *Heer.* (*Homalota.*) ciliatus *Kies.* — Among gravel, side of the Peaseburn, Berwickshire. — Mr Hardy.

COPROPHILUS *Latreille.*

OMALIUM *Grav.*
ELONIUM *Leach.*
ANTHOBIUM *Lacord.*

C. STRIATULUS *Fab. Erich. Steph.* rugosus *Oliv.* laesus *Germ.* (*Oxytelus.*) — Scarce. Edinburgh; Aberdeenshire; Berwickshire, &c.

DELEASTER *Erich.*

D. DICHROUS *Grav. Erich. Steph.* — Raehills, and Braid burn, near Edinburgh. Rev. W. Little.
Brassicæ *Schrank. ?* (*Staphylinus.*)
Leachii *Curtis*, (*Lesteva.*)

MICRALYMMA *Westwood.*
OMALIUM *Gyll.*

M. BREVIPENNE *Gyll. Erich.* Johnstonis *Westw. Steph.* — Between layers of shale rocks between tide-marks; Dalmeny; South Queensferry; Prestonpans; Dunbar; Berwickshire.

SYNTOMIUM *Curtis.*

S. ÆNEUM *Müller, Gyll. Erich.* nigroæneum *Curt. Steph.* — In moss. Edinburgh; Dalmeny; Raehills; Jedburgh; Berwickshire.

ANTHOPHAGUS *Grav. Erich.*
LESTEVA *Latreille, Steph.*

A. ALPINUS *Fab. Erich. Steph.* — Dumfriesshire. Rev. W. Little.
mandibularis *Gyll.*
Lapponicus *Mannerh.*
flavipennis *Lacord.*
maxillosus *Zetterstedt.*

A. CARABOIDES *Lin. Erich. Steph.* — Dalmeny; Berwickshire; Aberdeenshire, &c.
testaceus *Lacord.*

A. TESTACEUS *Grav. Erich. Steph.* — Near Jedburgh. Rev. W. Little.
Caraboides var. c. *Gyll.*

GEODROMUS *Heer.*
ANTHOPHAGUS *Grav. Erich.*
LESTEVA *Steph.*

G. PLAGIATUS *Fab. Heer. Erich. Steph.* — Perthshire; Berwickshire.
suturalis *Lacord.*
longipes *Mannerh. ?*
Hookeri *Kirby, Steph.*
var. *Elytris nigris concoloribus.*
nigrita *Müller.*
globulicollis *Mann. Steph.*

& var

Rare (near Paisley, Mr. Young. 1856.

Dunoon. 1856.

Occasional Paisley ♀. 1856.

Hills Renfrewshire ♀ only; (Mäehkel has observed only one ♂ among 400 or 500 specimens 1856.

Common at Kelvin side ♀. 1856.

near Glasgow

The var ♀ only has occurred near Glasgow Kelvin under stones by the margin near the Botanic Garden. 1856.

Var ♂? but differing in being ferruginous I have taken on Benlomond. 1856.

Muydock; Oban. 1856.

Near Douglas Castle Mr. Wollaston, 1856

Near Paisley, occasional, 1856.

Postil Feby & March. 1856.

G. CANALICULATUS *Kirby, Steph.*
Kunzei *Heer.*
Near Edinburgh ; Raehills, &c.

LESTEVA *Lat.*

L. BICOLOR *Fab. Erich.*
punctulata *Lat.*
obscura *Payk. Steph.*
intermedia *Grav.*
dimidiatus *Panz.* (*Carabus.*)
Staphylinoides *Marsh.* (*Carabus.*)
Common, by borders of streams.

L. IMPRESSA *Kirby, Steph.*
punctata *Erich.*
villosus *Waltl.* (*Anthophagus.*)
Swamps. Berwickshire; Edinburgh; Aberdeenshire; Kinross-shire.

ARPEDIUM *Erich.*

OMALIUM *Grav. Steph.*

A. BRACHYPTERUM *Grav. Erich. Hardy.*
impressum *Zetterstedt.*
Gyllenhalii *Sahlberg.*
Near Edinburgh ; Dumfriesshire.

A. SUBPUBESCENS *Kirby, Steph.*
humile *Erich.*
myops *Haliday.*
In the blooms of broom and furze, Berwickshire.

ACIDOTA *Leach.*

A. CRENATA *Fab. Erich. Steph.*
castaneum *Grav.*
rufa *Grav. Mann.*
Rare. Dalmeny ; Caithness ; the Grampians ; Milnegraden, Berwickshire ; Minto, &c.

A. CRUENTATA *Mann. Erich.*
rufa *Gyll. Steph.*
Among decaying fir-leaves, Penmanshiel wood ; Raehills.

OLOPHRUM *Erich.*

ANTHOBIUM *Steph.*

O. PICEUM *Gyll. Erich. Steph.*
Blattoides *Ahrens.*
Marshes. Raehills ; Dalmeny ; Berwickshire ; Aberdeenshire.

O. CONSIMILE *Gyll. Erich. Steph.*
boralis ♀ *Payk.*
South of Scotland. Rev. W. Little.

LATHRIMÆUM *Erich.*

✗L. ATROCEPHALUM *Gyll. Erich. Steph.* Berwickshire; Presmennan; Edinburgh; Minto; Aberdeenshire, &c.
melanocephalum *Runde. Marsh. Steph.*
longipenne *Kirby, Steph.?*
unicolor *Marsh. Steph.?*

DELIPHRUM *Erich.*

D. TECTUM *Payk. Erich. Steph.* Edinburgh; Berwickshire; south of Scotland.
laeve *Grav.* (*Omalium*) (not *Steph.*)

OMALIUM *Grav.*

✗O. RIVULARE *Payk. Erich. Steph.* Common.
incisum *Grav.*
cursor *Müller.*
Oxyacanthæ *Lacord.*
fuscum *Steph.*

O. LÆVIUSCULUM *Gyll.* Beneath sea-weed. Berwickshire; Dunbar; Dalmeny.
laeve *Steph.* (not *Grav.*)

O. OXYACANTHÆ *Grav. Erich.* Scarce. Raehills; Dalmeny; Berwickshire.
(not *Steph.*)
piceum *Kirby, Steph.*

✗O. FOSSULATUM *Erich.* Not frequent. Edinburgh; Berwickshire; Aberdeenshire; Kinrossshire.
cæsum *Gyll. Steph.* (not *Grav.*)

O. CONFORMATUM *Hardy.* Near Penmanshiel. Mr Hardy.

O. FLORALE *Payk. Erich. Steph.* Not common. Raehills; Pease bridge, Berwickshire; Kinrossshire.
Viburni *Gyll. Steph.*
rufipes *Fourc.*

O. STRIATUM *Grav. Erich. Steph.* Not common. Near Penmanshiel. Mr Hardy.
minutum *Oliv.*

XYLODROMUS *Heer.*

OMALIUM *Grav. Erich. Steph.*

X. CONCINNUS *Marsh. Steph. Erich. Heer.* Edinburgh; Berwickshire.

Kelvin side not rare. 1856.

In Fungi on wall tops. 1856.

Paisley. 1856.

near Paisley not common. 1856.

Cathcart &c rather frequent. 1856.

Callander 1856.

Hamilton. 1856.

On Caltha palustris. Killermont. 1856

In decaying Fungi 1856.

Renfrewshire 1856

PHLŒONOMUS *Heer.*

OMALIUM *Grav. Erich. Steph.*

PH. IOPTERUS *Kirby, Steph.* Beneath bark. Dalmeny Park; Presmennan; Penmanshiel wood; Mellerstain; Aberdeenshire.
brunneum var. β *Payk.*
lucidum *Erich. Heer.*
var. sordidum *Kirby, Steph.*
mesomelas *Holme. ?*

PH. PUSILLUS *Gyll. Erich. Steph. Heer.* Under bark of Scotch pine. Berwickshire; near Edinburgh; Aberdeenshire; south of Scotland.

ANTHOBIUM *Leach.*

A. OPTHALMICUM *Payk. Erich. Steph.* Raehills. Rev. W. Little.
pallidum *Grav.*

A. SORBI *Gyll. Erich. Steph.* Frequent.
opthalmicum *Grav. Lacord.*
lutea *Marsh.* (*Silpha.*) *Steph.*
testaceum *Grav.*

A. TORQUATUM *Marsh. Steph.* Flowers. Raehills; Edinburgh; Berwickshire; Kinross-shire.
testaceum *Lacord.*
mucronatum ♀ *Kirby, Steph.*
scutellare *Erich.*
montivagum *Chevrier, Heer.*
nigriventre *Steph. ?*

A. MINUTUM *Fab. Erich. Steph.* Flowers. Berwickshire.
Ranunculi *Grav. Steph.*
picipenne *Kirby, Steph.*

PROTEINUS *Lat.*

P. BRACHYPTERUS *Fab. Erich. Steph.* Common. Raehills; Edinburgh; East Lothian; Berwickshire; Kinross-shire, &c.
ovatum *Grav.* (*Omalium.*)
ovalis *Kirby, Steph.*

P. ATOMARIUS *Erich.* Girrick. Mr Hislop.

MEGARTHRUS *Kirby.*

OMALIUM *Grav.*
PHLŒOBIUM *Lacordaire.*

M. DEPRESSUS *Payk. Gyll. Erich.* Edinburgh; Berwickshire; Dunbar; Kinross-shire; Aberdeenshire.
macropterus *Grav.*
pusillus *Steph.*

M. SINUATOCOLLIS *Dej.* — Berwickshire; Dalmeny; Aberdeenshire.
Lacord. Erich.
depressus *Steph.?*

M. DENTICOLLIS *Beck. Erich.* — Raehills; Aberdeenshire; Berwickshire.
marginatus ♀ *Steph.*
emarginatus *Kirby, Steph.*
marginicollis *Dej.*
hemiptera var. a. *Illig.*
(*Silpha.*)

M. HEMIPTERUS *Illig. Erich.* — Raehills. — Rev. W. Little.
depressum var. c. *Gyll.*
(*Omalium.*)
melanocephalus *Oliv.* (*Steph.*)
rufescens *Kirby, Steph.* δ.
nitiduloides *Lacord.*

PHLŒOBIUM *Dej.*

MEGARTHRUS *Steph.*

PH. CLYPEATUM *Müller, Erich.* — Aberdeenshire; Berwickshire; Dalmeny Park, &c.
retusus *Kirby, Steph.*
flavus *Kirby, Steph.*
corticale *Lacord.*

MICROPEPLUS *Lin.*

M. PORCATUS *Fab. Erich. Steph.* — Common. 1856
sulcata *Herbst.* (*Nitidula.*)

M. STAPHYLINOIDES *Marsh.* — Less frequent. Edinburgh; Berwickshire; Aberdeenshire.
Erich. (not *Gyll.*)
Maillei *Guérin.*

Kelvinside; Paisley 1856.

Kelvinside. 1856.

Renfrewshire 1856.

Kelvin bank. 1856.

APPENDIX.

I.

ADDENDA.

The occurrence of the following insects has been ascertained while the foregoing pages were going through the press :—

Helophorus rugosus *Oliv.*	Dumfriesshire.	Rev. W. Little.
Scaphisoma Boleti *Panz.*	Dumfriesshire.	Rev. W. Little.
Ptenidium laevigatum *Gillm. Erich.*	Dumfriesshire.	Rev. W. Little.
Pt. Apicale *Sturm.* elongatulum *Motsch.* myrmecophyla *Motsch.*	Dumfriesshire.	Rev. W. Little.
Epurea melina *Erich.* depressa *Illig.*	Near Edinburgh.	A. Murray.
Dendrophagus (*Schön.*) crenatus *Payk.*	Black forest, Rannoch.	Mr Weaver.
Onthophagus nuchicornis *Lin. Steph.*	Ayrshire.	Mr J. P. Duncan.
Elater tristis *Lin.*	Black forest, Rannoch.	Mr Weaver.
Gymnætroron stellum *Schön.*	Near Edinburgh.	Dr Lowe.
Apion Betulae *Chev. Schön.*	Kinross-shire.	A. Murray.
A. glaucinum *Schön.*	Near Edinburgh.	A. Murray.
A. pubescens *Kirby, Steph. Germ.*	Kinross-shire.	A. Murray.
A. Gyllenhallii *Kirby, Dej.* unicolor *Kirby.* Aethiops *Gyll.*	Near Edinburgh.	A. Murray.
A. Salicis *Schön.*	Near Edinburgh.	Dr Lowe.

APION AFER *Schön.*	Near Edinburgh.	A. Murray.
A. AETHIOPS *Herbst, Sahlb.* (not *Gyll.*) subcœruleum *Steph.* marchicum *Gyll.* (not *Herbst.*)	Near Edinburgh.	A. Murray.
A. SEDI *Germ.* (not *Gyll.*)	Kinross-shire.	A. Murray.

II.

DELENDA.

HELOPHORUS GRISEUS *Brulle,* - - - - p. 23, *supra.*
intermedius *Muls.*

III.

THE following insects, which are recorded as having been found near Edinburgh—both in Stewart's list published in the Wernerian Society's Transactions, Vol. 6, and in the *Entomologia Edinensis*—appear to have been inserted by mistake, or without due examination, and have therefore been excluded from the foregoing Catalogue, but are inserted here, till future investigations shall determine whether they are entitled to a place in a Scottish list or not.

DRYPTA EMARGINATA *Fab.*	"Said to have been taken several years ago beneath marine rejectamenta at Leith sands on the authority of the Rev. J. Hope." *Ent. Edin.*
CHLAENIUS VESTITUS *Fab.*	"Banks of the Water of Leith, and margin of Lochend." *Ent. Edin.*
ANCHOMENUS (AGONUM.) SEXPUNCTATUS *Lin.*	"Banks of the Water of Leith." Sir P. Walker. *Ent. Edin.*
PŒCILUS DIMIDIATUS *Oliv.*	"Taken near Corstorphine, and by the side of the Water of Leith to the west of Edinburgh." *Ent. Edin.*

PŒLOBIUS HERMANNI *Fab.*	"Pond at Coates." Sir Patrick Walker. *Ent. Edin.*
HYPHIDRUS OVATUS *Lin.*	"Pond at Coates; Lochend." *Ent. Edin.*
OTIORHYNCHUS LIGUSTICI *Lin.*	"Environs of Edinburgh." *Ent. Edin.*
MOLYTES CORONATUS *Lat.* Anglicanus *Marsh.*	"A few specimens taken near Edinburgh by Sir P. Walker." *Ent. Edin.*
LEMA (CRIOCERIS) ASPARAGI *Lin.*	"Taken near Edinburgh by Sir P. Walker." *Ent. Edin.*
CHRYSOMELA GOETTINGENSIS *Lin.*	"Specimens have occurred near Coates, to Sir P. Walker." *Ent. Edin.*
COCCINELLA (ANISOSTICTA *Chev. Muls.*) 19-PUNCTATA *Lin.*	"Near Coates." *Ent. Edin.*
HELOPS CŒRULEUS *Lin.*	"Fields and woods near Edinburgh." *Ent. Edin.*

[INDEX.

INDEX.

Abax, 8.
Abræus, 47.
Acalles, 65.
Acanthocinus, 83.
Acidota, 131.
Acilius, 15.
Acrossus, 49.
Acupalpus, 10, 11.
Adimonia, 87.
Adimonia, 87.
Adrastus, 54.
Aedilis, 83.
Ægialia, 50.
Aepus, 11.
Agabus, 16.
Agathidium, 34.
Agathidium, 34.
Agelastica, 87.
Agonum, 6.
Agrilus, 51.
Agriotes, 54.
Agrypnus, 52.
Aleochara, 109.
Aleochara, 105.
Alophus, 76.
Alphitobius, 99.
Altica, 87.
Amalus, 68.
Amara, 8.
Amauronia, 58.
Ampedus, 53.
Amphicyllis, 34.
Anærea, 84.
Anaspis, 101.
Anatis, 97.
Anchomenus, 6.
Anisarthria, 32.
Anisodactylus, 10.
Anisosticta, 94.
Anisotoma, 33.
Anisotoma, 33.
Anobium, 59.
Anodus, 118.
Anomala, 51.
Anoplus, 67.
Antherophagus, 40.
Anthicus, 103.
Anthobium, 133.
Anthobium, 129, 131.
Anthonomus, 68.
Anthophagus, 130.
Anthophagus, 130.
Anthrenus, 44.
Aphodius, 48.
Aphodius, 48, 49, 50.
Aphthona, 88.
Apion, 79, 135.
Aplocnemus, 58.
Aplotarsus, 53.
Apoderus, 83.
Apteropoda, 91.
Arcopagus, 104.
Argopus, 90.
Argutor, 7.
Arpedium, 131.
Asemum, 83.
Aspidiphorus, 45.
Astenus, 125.

Astilbus, 105.
Astynomus, 83.
Athous, 52.
Atomaria, 41.
Atopa, 55.
Attagenus, 44.
Attelabus, 83.
Autalia, 105.

Badister, 5.
Bagous, 66.
Balaninus, 68.
Balanomorpha, 89.
Baridius, 66.
Baris, 66.
Barynotus, 75.
Barynotus, 75.
Bembidium, 11.
Berosus, 24.
Bisnius, 121.
Bitoma, 39.
Blaps, 99.
Bledius, 127.
Blethisa, 2.
Boletobius, 113.
Bolitochara, 106.
Bolitochara, 106.
Bolitophagus, 99.
Bothynoderus, 76.
Brachypterus, 36.
Brachyrhinus, 75.
Brachysomus, 72.
Bradycellus, 11.
Bradytus, 9.
Broscus, 8.
Bruchus, 83.
Bryaxis, 104.
Bryocharis, 113.
Byrrhus, 45.
Byrrhus, 45.
Bythinus, 104.
Byturus, 43.

Cacicula, 96.
Cafius, 114.
Calandra, 61.
Calathus, 5.
Callicerus, 106.
Callidium, 83.
Calodera, 106.
Caloderus, 53.
Calvia, 98.
Campta, 38.
Campylirhynchus, 63.
Campylus, 52.
Cantharis, 56, 57.
Carabus, 3.
Cardiapus, 90.
Cardiophorus, 53.
Carpalimus, 129.
Carpophilus, 36.
Cassida, 87.
Cataphagus, 54.
Cateretes, 36.
Catops, 30.
Catops, 31.
Celia, 8.
Celiodes, 65.
Centroglossa, 110.
Cephalotes, 8.
Ceranota, 109.
Ceratophyus, 47.
Cercus, 36.
Cercyon, 26.
Cercyon, 28.
Ceruchus, 47.
Cetonia, 51.
Ceutorhynchus, 63.
Ceutorhynchus, 63, 65.
Chætarthria, 25.
Chætocnema, 90.
Chilocorus, 94.
Chilocorus, 94.
Chlænius, 4.
Choleva, 30.
Chrysomela, 91.
Chrysomela, 93.
Cicindela, 1.
Cillenum, 11.
Cionus, 62.
Cis, 59.
Cistela, 100.
Clambus, 35.
Cleonus, 76.

Cleopus, 62.
Clivina, 4.
Clythra, 93.
Clytus, 83.
Cneorhinus, 79.
Cneorhinus, 78.
Coccidula, 96.
Coccinella, 97.
Coccinella, 94, 95, 96, 97, 98.
Cœlostoma, 25.
Colenis, 34.
Colobopterus, 48.
Colon, 31.
Colydium, 99.
Colymbetes, 16.
Conurus, 111.
Coprophilus, 129.
Corticaria, 43.
Corymbites, 53.
Cossonus, 61.
Cratonychus, 52.
Creophilus, 116.
Crepidodera, 88.
Crioceris, 86.
Cryptobium, 123.
Cryptocephalus, 94.
Cryptohypnus, 53.
Cryptophagus, 40.
Cryptophagus, 40.
Cryptopleurum, 28.
Cryptorhynchus, 66.
Cychramus, 38.
Cychramus, 38.
Ctenicerus, 53.
Curtonotus, 9.
Cychrus, 3.
Cyclonotum, 25.
Cyllidium, 25.
Cymindis, 3.
Cyngetis, 98.
Cypha, 111.
Cyphon, 55.
Cytillus, 45.

Dasytes, 57.
Deleaster, 130.
Deliphrum, 132.
Dendrophagus, 135.
Dendrophilus, 46.
Deporaus, 82.
Dermestes, 44.
Diacanthus 54.
Dianous, 125.
Diastictus, 50.
Dictyopterus, 56.
Diglossa, 110.
Dircæa, 101.
Ditoma, 39.
Dolopius, 54.
Donacia, 85.
Dorcadion, 84.
Dorytomus, 69.
Dromius, 3.
Drusilla, 105.
Dryops, 28.
Dyschirius, 4.
Dytiscus, 15.

Elaphrus, 1.
Elater, 53, 135.
Elater, 45.
Ellescus, 69.
Elmis, 18.
Elodes, 55.
Elonium, 129.
Encephalus, 110.
Endomychus, 98.
Enicocerus, 23.
Epilachna, 98.
Ephistemus, 42.
Epurea, 36, 135.
Erirhinus, 69.
Euchlora, 51.
Eulissus, 115.
Euplectus, 105.
Exochomus, 94.
Exophthalmus, 52.

Falgaria, 105.
Feronia, 7, 8.

Gabrius, 121.
Galeruca, 87.
Galleruca, 87.

Gastrodus, 75.
Gastrophysa, 92.
Geodromus, 130.
Georissus, 44.
Geotrupes, 47.
Geotrutes, 47.
Gibbium, 58.
Goerius, 117.
Gonioctena, 93.
Grammoptera, 85.
Graptodera, 87.
Grypidius, 69.
Gymnætron, 62, 135.
Gymnusa, 110.
Gyrinus, 22.
Gyrohypnus, 114, 115.
Gyrophæna, 110.

Haemonia, 86.
Haliplus, 21.
Hallomenus, 101.
Haltica, 87.
Halyzia, 98.
Hammonius, 52.
Harmonia, 97.
Harpalus, 10.
Hedobia, 58.
Helobia, 2.
Hellodes, 93.
Helophorus, 22, 135, 136.
Helops, 100.
Heptaulacus, 50.
Hesperophilus, 127.
Heterocerus, 29.
Heterophaga, 99.
Hippodamia, 96.
Hister, 46.
Hister, 30, 46.
Homalota, 106.
Hydnobius, 33.
Hydræna, 24.
Hydrobius, 24.
Hydrobius, 24, 25.
Hydrochus, 23.
Hydronomus, 69.
Hydrophilus, 30.
Hydroporus, 18.
Hydroporus, 18.
Hygrotus, 18.
Hylastes, 60.
Hylecœtus, 60.
Hylesinus, 60.
Hylobius, 75.
Hylurgus, 60.
Hylurgus, 60.
Hypera, 74.
Hyperaspis, 95.
Hypnoidus, 53.
Hypocyptus, 111.

Idalia, 96.
Ilybius, 16.
Ips, 38.
Ischnosoma, 114.

Laccobius, 24.
Laccophilus, 17.
Lacon, 52.
Lamia, 84.
Lamprias, 4.
Lampyris, 56.
Lasia, 98.
Lathridius, 42.
Lathrimæum, 132.
Lathrobium, 123.
Lathrobium, 124.
Lebia, 4.
Leiochiton, 4.
Leiodes, 33, 34.
Leiopus, 83.
Leiosomus, 75.
Leirus, 9.
Leistus, 2.
Leja, 14.
Lema, 86.
Lepidotus, 52.
Leptacinus, 115.
Leptinus, 32.
Lesteva, 131.
Lesteva, 130.
Limnebius, 24.
Limnesius, 40.
Limobius, 74.
Limonius, 52.

Lina, 92.
Liodes, 34.
Liophlæus, 76.
Lithocharis, 124.
Litodactylus, 68.
Longitarsus, 89.
Lopha, 15.
Loricera, 4.
Lucanus, 47.
Ludius, 53, 54.
Luperus, 87.
Lyctus, 39, 40.
Lycus, 56.
Lymexylon, 60.

Macrocnema, 90.
Macroplea, 86.
Magdalinus, 70.
Magdalis, 70.
Malachius, 57.
Malthinus, 57.
Mantura, 89.
Mecinus, 62.
Medon, 124.
Megacronus, 113.
Megarthrus, 133.
Megarthus, 134.
Megasternum, 28.
Meladema, 16.
Melandrya, 100.
Melanotus, 52.
Melasoma, 92.
Meligethes, 37.
Melinopterus, 50.
Meloe, 102.
Melolontha, 50.
Merionus, 75.
Mesites, 61.
Metœcus, 101.
Mezium, 59.
Miarus, 62.
Miccotrogus, 68.
Micralymma, 130.
Micraspis, 94.
Micropeplus, 134.
Microsaurus, 121.
Miscodera, 4.
Mniophila, 91.
Molytes, 75.
Monochamus, 84.
Monohammus, 84.
Monotoma, 42.
Mordella, 101.
Morychus, 45.
Mycetæa, 42.
Mycetoporus, 114.
Mylaechus, 31.
Myllæna, 110.
Mrymedonia, 105.
Myrrha, 97.
Mysia, 97.

Nanodes, 61.
Nanophyes, 61.
Nebria, 2.
Necrobia, 58.
Necrodes, 29.
Necrophorus, 29.
Nedyus, 63.
Nitidula, 37.
Nitidula, 36, 37.
Notaphus, 12.
Notaris, 69.
Notiophilus, 2.
Notoxus, 103.
Nundina, 96.

Ocalea, 106.
Octhebius, 23.
Ocypus, 117, 118.
Odontonyx, 7.
Oiceoptoma, 30.
Olibrus, 35.
Oligota, 110.
Olisthopus, 7.
Olophrum, 131.
Omalium, 132.
Omalium, 129, 130, 131, 132, 133.
Omaseus, 7.
Omias, 72.
Omosita, 37.
Onthophagus, 48, 135.
Onthophilus, 46.
Ophonus, 10.

Orchesia, 101.
Orchestes, 66.
Orechtochilus, 22.
Orobites, 62.
Orthocerus, 39.
Orthocætes, 66.
Othius, 114.
Otiorhynchus, 71.
Otiorhynchus, 72.
Otophorus, 48.
Oxypoda, 108.
Oxystoma, 79.
Oxytelus, 128.
Oxytelus, 129.

Pachyrhinus, 68.
Pachyta, 84.
Pæderus, 124.
Paramecosoma, 41.
Parnus, 28.
Patrobus, 5.
Pella, 105.
Pelophila, 2.
Percosia, 8.
Peryphus, 13.
Phædon, 93.
Phædon, 92, 93.
Phalacrus, 35.
Phalacrus, 35.
Philax, 99.
Philhydrus, 25.
Philonthus, 118.
Philonthus, 121.
Philopedon, 79.
Phlœobium, 134.
Phlœobium, 133.
Phlœonomus, 133.
Phlœopora, 106.
Phloiophilus, 58.
Phosphuga, 30.
Phratora, 92.
Phylan, 99.
Phyllobius, 73.
Phyllopertha, 51.
Phyllotreta, 88.
Phymatodes, 83.
Phytobius, 68.
Phytonomus, 74.
Phytonomus, 74.
Phytosus, 109.
Pissodes, 71.
Placusa, 110.
Platycerus, 47.
Platysma, 8.
Platystethus, 128.
Plectroscelis, 90.
Plinthus, 74.
Pocadius, 38.
Podabrus, 56.
Podagrica, 88.
Pœcilus, 7.
Pogonocherus, 84.
Pogonocherus, 83.
Polydrusus, 76.
Polystoma, 109.
Poophagus, 63.
Pristonychus, 5.
Proteinus, 133.
Pselaphus, 104.
Psylliodes, 90.
Ptenidium, 32, 135.
Ptilinus, 59.
Ptilium, 32.
Ptinus, 58.
Ptinus, 58.
Ptomaphagus, 30.
Pytho, 100.

Quedius, 121.
Quedius, 121.

Ragonycha, 57.
Ramphus, 79.
Raphirus, 121.
Rhagium, 84.
Rhinodes, 70.
Rhinomacer, 82.
Rhinoncus, 63.
Rhinosimus, 102.
Rhinusa, 62.
Rhizophagus, 39.
Rhynchites, 82.
Rhyncolus, 61.
Rhynchophorus, 61.

Rhyzobius, 96.
Ripiphorus, 101.
Rugilus, 125.

Salpingus, 102.
Salpingus, 102.
Saperda, 84.
Saperda, 84.
Saprinus, 46.
Sarrotrium, 39.
Sauriodes, 114.
Scaphisoma, 135.
Sciaphilus, 78.
Scraptia, 101.
Scutopterus, 16.
Scydmænus, 103.
Scymnus, 95.
Serica, 51.
Sericosomus, 54.
Sericus, 54.
Serropalpus, 101.
Sphæridium, 26.
Sphæridium, 95.
Sphaeriestes, 102.
Sphærites, 30.
Sphæroderma, 90, 91.
Sphærula, 61.
Silpha, 30.
Simplocaria, 45.
Sinodendron, 47.
Sitona, 77.
Sitones, 77.
Silophilus, 61.
Soronia, 37.
Spartophila, 93.
Spartophila, 93.
Sphodrus, 5.
Strangalia, 85.
Staphylinus, 116.
Staphylinus, 117.
Stene, 99.
Stenolophus, 10.
Stenus, 125.
Steropus, 7.
Stilicus, 125.
Stomis, 8.
Strongylus, 38.
Strophosomus, 78.
Styphlus, 66.
Sub-coccinella, 98.
Sunius, 125.
Sunius, 124.
Sylvanus, 40.
Synchita, 39.
Syntomium, 130.
Synuchus, 6.

Tachyerges, 67.
Tachyporus, 111.
Tachypus, 12, 15.
Tachys, 12.
Tachyusa, 106.
Tænodoma, 129.
Tamnophilus, 70.
Taphria, 6.
Tarus, 3.
Tasgius, 107.
Telephorus, 56.
Telephorus, 56.
Telmatophilus, 40.
Tenebrio, 100.
Tetratoma, 42.
Tetratoma, 33.
Teuchestes, 48.
Thalycra, 38.
Thanasimus, 58.
Thea, 98.
Thinobius, 129.
Throscus, 45.
Thyamis, 89.
Thylacites, 79.
Timarchia 91.
Tomicus, 60.
Trachyphlœus, 73.
Trenosoma, 129.
Trechus, 11.
Trechus, 11.
Tribolium, 99.
Trichius, 51.
Trichoderma, 116.
Trichopteryx, 32.
Trichopteryx, 32.
Tritoma, 95.
Trixagus, 45.

Trogophlæus, 129.
Trogosita, 39.
Tropiphorus, 75.
Trox, 50.
Tychius, 68.
Tychus, 104.
Tylodes, 65.
Typhæa, 40.
Typhæus, 47.

Xantholinus, 115.
Xantholinus, 121.
Xylodromus, 132.

Zyras, 105.

THE END.

PRINTED BY WILLIAM BLACKWOOD AND SONS, EDINBURGH.

ERRATA.

Page 16, 7th line from top, *for* "Sculopterus," *read* "Scutopterus."

Page 26, 3d line from bottom, *for* "Melanocephalus," *read* "Melanocephalum."

"Hister litorens Hardy MS.; ovalis, niger, nitidus; thoracis marnus convexo, utrinque linea laterali submarginali; elytris striis dorsalibus septem, secunda inter-rupta; fossula laterali punctata; tibiis anticis sex-dentatis; Long. corp. lin. 2.

Of the likeness of H. carbonarius, but smaller & narrower; black, shining, shortly oval; the curve in the head forming a wider arch than in H. carbonarius. Thorax, very smooth with a minute scattered punctulation not so convex as in H. carb.; More flattened at the lateral margins whence the edge is sharper than in H. Carb.; the lateral line on each side is nearer to the edge than in that species, fades out towards the base which it approximates, is shallow impunctate, and has, (one on each) a shallow depression behind the middle. Elytra not dilated behind the base as in Carb.; each with 7 striae, striae indistinctly punctate, the second & sutural unite before reaching the base & form an elliptical space. the somewhat interrupted; the third does not quite reach the base, & before its termination turns towards the second, as if going to combine with its interstices with a fine scattered punctulation; lateral fovea rather coarsely punctate as in H. Carb; anterior tibiae with six sharp teeth. Legs black; The tarsi, apices of the elytra slightly the posterior margins of the abdominal segments and the tips of the coxae piceous; The exposed upper portion of the abdomen less closely punctate than in

Hc. Carbonarius.

One Specimen found by J. P. Duncan, Esq. on the seacoast at Ronkton, Ayrshire in 1852.

This appears to have an affinity with Hc. Marginatus Erichson in Klug, Jahrb., 1146; but the description given by Heer (Fn. Col. Helv. I p. 456.) is too brief to bring out its character.

the arch on the head of H. Carbonarius is U; in litorans it is ⌣". 1856.

Ptychodus.

One specimen found by J. P. Thomas in the [illegible] Beds, Bayshore, in 1872.

This appears to have an affinity with the Mongindaty [illegible] Jukes, 1847, but the description given by Prof. [illegible] is too brief to bring out the characters.

Length of specimen 0.5 [illegible] 1/4; in Jukes' [illegible] 1/4.